

Converting Colors

XYZ(88.2453, 90.7777, 93.1065)

Have a look what the booklet for
XYZ(88.2453, 90.7777, 93.1065)
contains.

XYZ(88.2782, 90.8787, 93.0093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.2782, 90.8787,
93.0093)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2ED
RGB	255, 242, 237
RGB Percent	100%, 95%, 93%
CMY	0.0000, 0.0510, 0.0706
CMYK	0.00, 0.05, 0.07, 0.00
HSL	17°, 100%, 96%
HSV	17°, 7%, 100%
XYZ	88.2782, 90.8787, 93.0093
YIQ	245.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

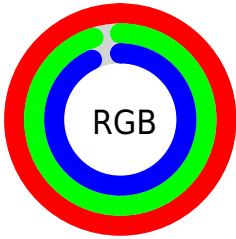
Format	Color
R _Y B	255, 244, 237
Decimal	16773869
CIE Lab	96.36, 3.53, 3.96
CIE LCh	96, 5.301, 48.299
Yxy	90.8787, 0.3244, 0.3339
Android (android.graphics.Color)	4294963949 (0xFFFFF2ED)
YUV	245.3170, -4.1003, 8.4920
Hunter-Lab	95.3303, -1.5327, 8.8848

Details

The XYZ color **88.2782, 90.8787, 93.0093** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.1598, 93.5933, 108.0792**, and the grayscale version is **87.0748, 91.6095, 99.7627**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1881, 50.4598, 50.8633** is the 20% darker color. If you saturate the color by 10%, you get **79.6082, 79.0830, 73.0270**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

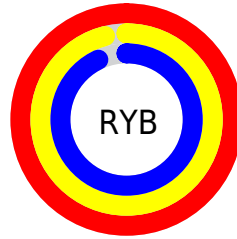
Distribution



Red (100%)

Green (95%)

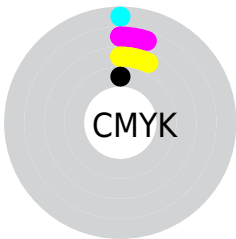
Blue (93%)



Red (100%)

Yellow (96%)

Blue (93%)

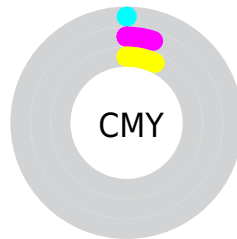


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2782, 90.8787, 93.0093 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 88.2782, 90.8787, 93.0093 by changing the saturation by 10% instead.


 88.2782, 90.8787,
93.0093

 88.2782, 90.8787,
93.0093


510.7356,
530.8851, 558.5928

 66.8850, 68.7097,
69.8915


143.8350,
148.5583, 153.4833

 49.2616, 50.4753,
50.9618


178.7293,
184.8377, 191.6766

 35.0424, 35.7912,
35.8017


218.8547,
226.5894, 235.7322

 23.8622, 24.2730,
23.9926

264.5765,
274.1977, 286.0686

 15.3556, 15.5362,
15.1160

316.2602,
328.0470, 343.1043

 9.1573, 9.1966,
8.7533

374.2710,

 4.9018, 4.8696,

388.5217, 407.2579

4.4860

438.9744,
456.0063, 478.9479

■ 2.2240, 2.1710,
1.8956

■ 0.7553, 0.7041,
0.4899

■ 88.2782, 90.8787,
93.0093

■ 88.2782, 90.8787,
93.0093

■ 79.6082, 79.0830,
73.0270

95.0500, 100.0000,
108.9000

■ 71.9791, 68.5573,
55.8945

■ 65.3522, 59.2618,
41.4825

■ 59.6838, 51.1504,
29.6496

■ 54.9270, 44.1741,
20.2415

■ 51.0304, 38.2803,
13.0871

■ 47.9371, 33.4117,
7.9928

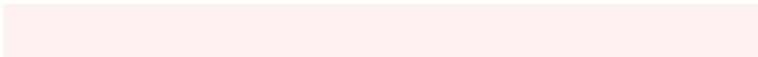
■ 45.5823, 29.5054,
4.7316

■ 43.8876, 26.4894,
3.0152

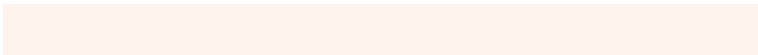
Harmonies

Analogous

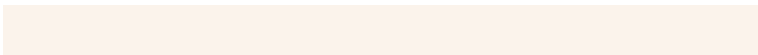
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0986, 90.8787, 96.4227



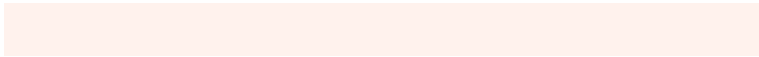
88.2782, 90.8787, 93.0093



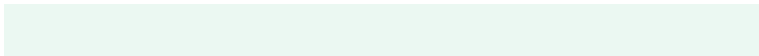
86.9540, 90.8787, 91.2080

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2782, 90.8787, 93.0093



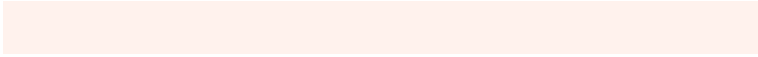
83.6296, 90.8787, 97.3131



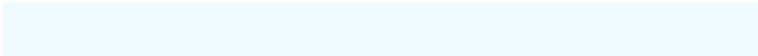
87.2711, 90.8787, 106.8663

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



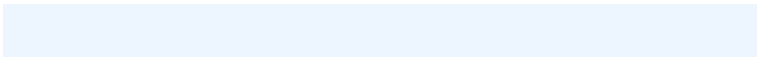
88.2782, 90.8787, 93.0093



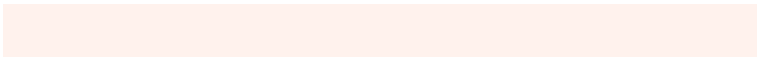
87.1598, 93.5933, 108.0792

Split Complementary

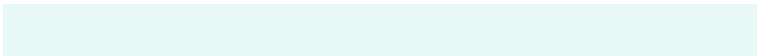
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8035, 90.8787, 107.1212



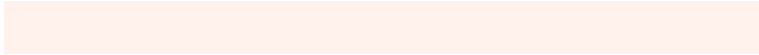
88.2782, 90.8787, 93.0093



83.7123, 90.8787, 101.5240

Square

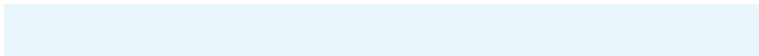
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2782, 90.8787, 93.0093



84.2769, 90.8787, 93.6452



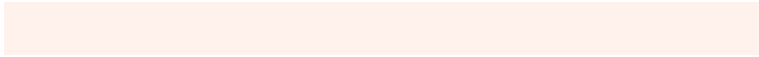
84.5042, 90.8787, 105.1415



88.5126, 90.8787, 104.4545

Rectangle

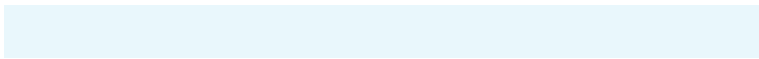
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2782, 90.8787, 93.0093



85.9687, 90.8787, 91.1287



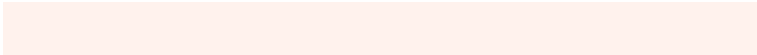
84.5042, 90.8787, 105.1415



86.7876, 90.8787, 107.2095

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.2803, 90.8824, 93.0112



93.0763, 97.3491, 104.2449



88.8114, 88.7440, 103.0558



19.9429, 20.8646, 22.3615



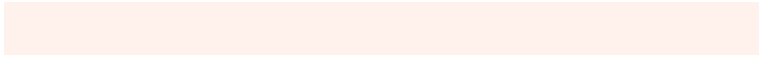
0.0000, 0.0000, 0.0000



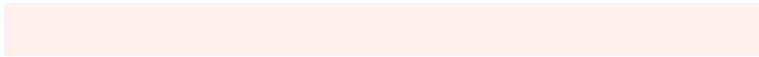
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2803, 90.8824, 93.0112



87.4179, 89.7156, 91.0040



90.9612, 96.2442, 93.9049



18.4204, 18.8091, 18.8040



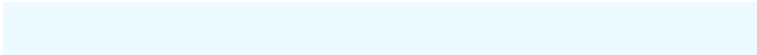
22.8300, 13.6712, 1.4355



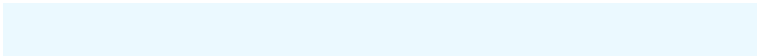
2.3100, 1.5054, 0.1688

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.1598, 93.5933, 108.0792



86.1561, 92.7683, 107.9729



84.4905, 88.2546, 107.1895



18.1028, 19.5773, 23.0746



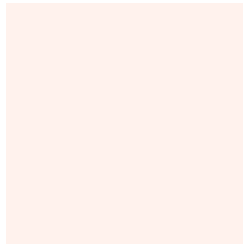
18.5304, 21.9705, 52.6986



1.8963, 2.3232, 5.1618

Previews

White Background



This preview shows how the XYZ color 88.2782, 90.8787, 93.0093 looks on a white background.

Color Contrast Check

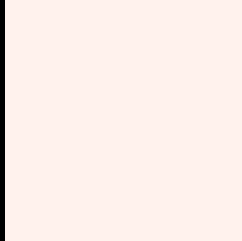
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 88.2782, 90.8787, 93.0093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

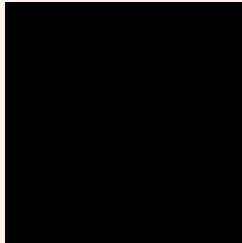
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

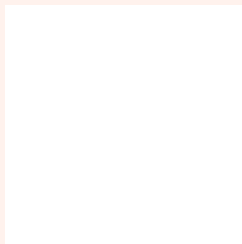
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2782, 90.8787, 93.0093

Background



This preview shows how black text looks on a background with the XYZ color 88.2782, 90.8787, 93.0093.

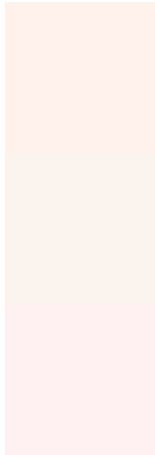


This preview shows how white text looks on a background with the XYZ color 88.2782, 90.8787,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.2782, 90.8787, 93.0093

Protanopia

86.9075, 90.5982, 93.7956

Deuteranopia

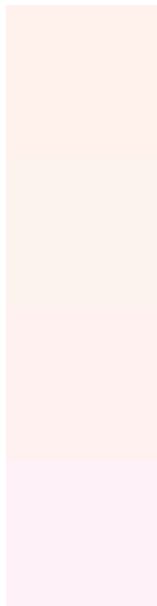
88.7223, 90.5814, 96.8122



Tritanopia

90.4501, 90.8002, 107.3667

Trichromacy



Original Color

88.2782, 90.8787, 93.0093

Protanomaly

87.6281, 90.9697, 93.8293

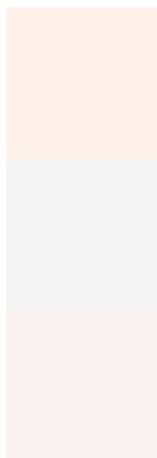
Deuteranomaly

88.4235, 90.4619, 95.2385

Tritanomaly

89.6386, 90.9479, 101.6372

Monochromacy



Original Color

88.2782, 90.8787, 93.0093

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.4446, 91.2519, 97.0090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2782, 90.8787, 93.0093 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 88.2782, 90.8787, 93.0093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 242, 237) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 242, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2782, 90.8787, 93.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
242, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor