

Converting Colors

XYZ(88.3239, 90.6972, 93.8659)

Have a look what the booklet for
XYZ(88.3239, 90.6972, 93.8659)
contains.

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Color

**XYZ(88.4247, 90.9373,
93.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2EE
RGB	255, 242, 238
RGB Percent	100%, 95%, 93%
CMY	0.0000, 0.0510, 0.0667
CMYK	0.00, 0.05, 0.07, 0.00
HSL	14°, 100%, 97%
HSV	14°, 7%, 100%
XYZ	88.4247, 90.9373, 93.7811
YIQ	245.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

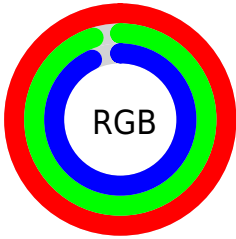
Format	Color
R_{YB}	255, 243, 238
Decimal	16773870
CIE _{Lab}	96.38, 3.69, 3.48
CIE _{LCh}	96, 5.071, 43.274
Yxy	90.9373, 0.3237, 0.3329
Android (android.graphics.Color)	4294963950 (0xFFFFF2EE)
YUV	245.4310, -3.6635, 8.3920
Hunter-Lab	95.3611, -1.3655, 8.4451

Details

The XYZ color **88.4247, 90.9373, 93.7811** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.8063, 94.3891, 108.1988**, and the grayscale version is **87.1635, 91.7028, 99.8643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2911, 50.5010, 51.4057** is the 20% darker color. If you saturate the color by 10%, you get **79.4449, 78.5545, 73.5950**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

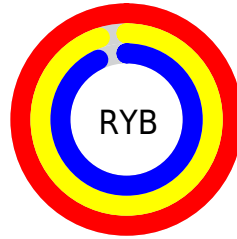
Distribution



Red (100%)

Green (95%)

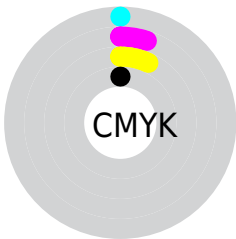
Blue (93%)



Red (100%)

Yellow (95%)

Blue (93%)

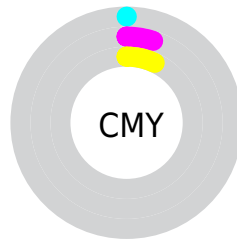


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4247, 90.9373, 93.7811 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 88.4247, 90.9373, 93.7811 by changing the saturation by 10% instead.


 88.4247, 90.9373,
93.7811

 88.4247, 90.9373,
93.7811


511.2076,
531.0752, 561.1397

 67.0068, 68.7583,
70.5296


144.0378,
148.6397, 154.5606

 49.3609, 50.5149,
51.4790


178.9637,
184.9318, 192.9258

 35.1216, 35.8227,
36.2106


219.1230,
226.6971, 237.1659

 23.9235, 24.2973,
24.3059

264.8810,
274.3200, 287.6995

 15.4013, 15.5543,
15.3464

316.6031,
328.1849, 344.9451

 9.1896, 9.2093,
8.9135

374.6547,

 4.9232, 4.8780,

388.6761, 409.3213

4.5888

439.4011,
456.1780, 481.2467

■ 2.2366, 2.1758,
1.9536

■ 0.7619, 0.7068,
0.5265

■ 88.4247, 90.9373,
93.7811

■ 88.4247, 90.9373,
93.7811

■ 79.4449, 78.5545,
73.5950

95.0500, 100.0000,
108.9000

■ 71.5706, 67.5695,
56.2847

■ 64.7599, 57.9360,
41.7202

■ 58.9658, 49.6011,
29.7593

■ 54.1375, 42.5079,
20.2470

■ 50.2196, 36.5956,
13.0115

■ 47.1509, 31.7979,
7.8587

■ 44.8616, 28.0413,
4.5615

■ 43.2683, 25.2421,
2.8359

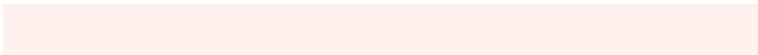
Harmonies

Analogous

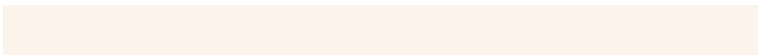
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1022, 90.9373, 97.2409



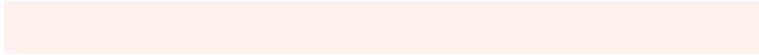
88.4247, 90.9373, 93.7811



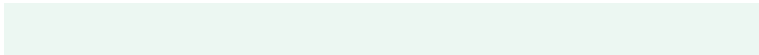
87.2168, 90.9373, 91.7549

Triad

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



88.4247, 90.9373, 93.7811



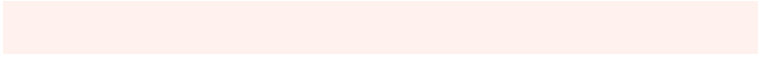
83.8594, 90.9373, 96.7947



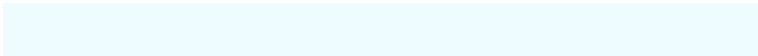
87.0580, 90.9373, 106.7762

Complementary

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



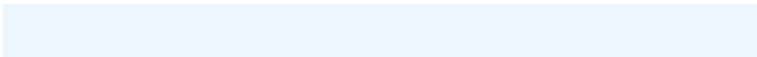
88.4247, 90.9373, 93.7811



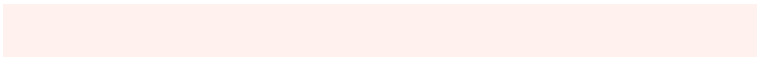
87.8063, 94.3891, 108.1988

Split Complementary

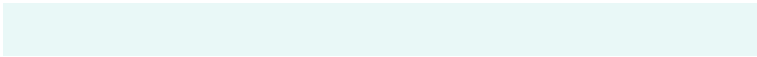
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6543, 90.9373, 106.6488



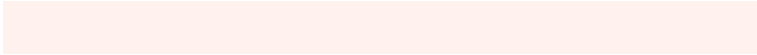
88.4247, 90.9373, 93.7811



83.8180, 90.9373, 100.8111

Square

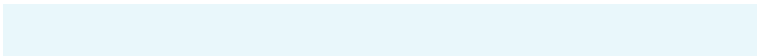
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4247, 90.9373, 93.7811



84.5857, 90.9373, 93.4621



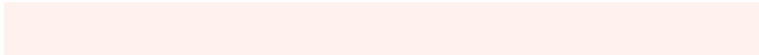
84.4718, 90.9373, 104.4406



88.3074, 90.9373, 104.7841

Rectangle

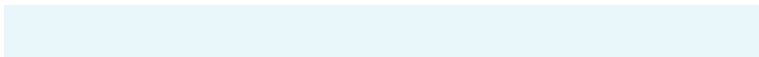
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



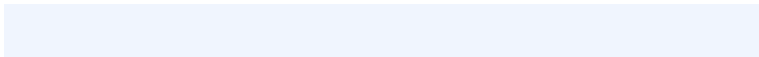
88.4247, 90.9373, 93.7811



86.2782, 90.9373, 91.4547



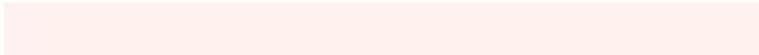
84.4718, 90.9373, 104.4406



86.5883, 90.9373, 106.9814

Sweetspot

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



88.4268, 90.9411, 93.7830



93.0085, 97.2136, 104.2223



89.2329, 89.3772, 103.8431



19.9291, 20.8370, 22.3569



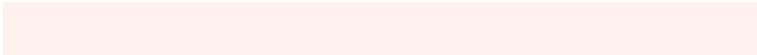
0.0000, 0.0000, 0.0000



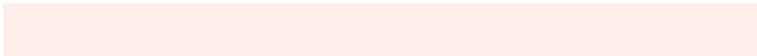
20.3446, 21.4041, 23.3091

Same Dimension

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



88.4268, 90.9411, 93.7830



87.1631, 89.2059, 90.9191



91.0038, 96.0950, 94.6420



18.3567, 18.6815, 18.7827



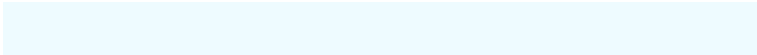
22.4892, 12.9897, 1.3219



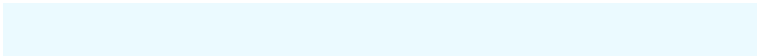
2.2692, 1.4238, 0.1552

Inverse Universe

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



87.8063, 94.3891, 108.1988



86.4250, 93.3061, 108.0625



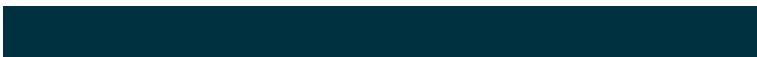
85.2220, 89.2204, 107.3373



18.1709, 19.7133, 23.0973



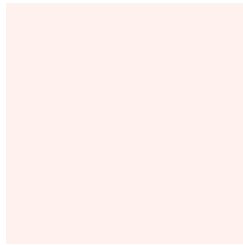
19.7406, 24.3908, 53.1020



2.0055, 2.5416, 5.1982

Previews

White Background



This preview shows how the XYZ color 88.4247, 90.9373, 93.7811 looks on a white background.

Color Contrast Check

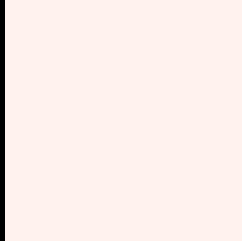
Large Text (above 18pt) WCAG AA × Fail

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 88.4247, 90.9373, 93.7811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

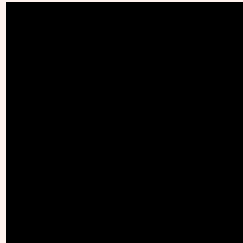
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

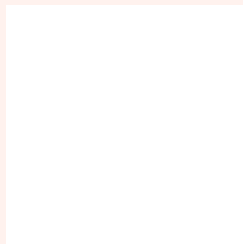
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4247, 90.9373, 93.7811

Background



This preview shows how black text looks on a background with the XYZ color 88.4247, 90.9373, 93.7811.



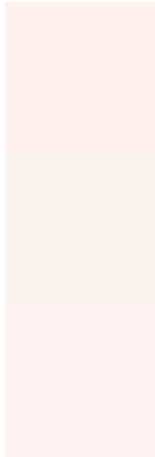
This preview shows how white text looks on a background with the XYZ color 88.4247, 90.9373,

93.7811.

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

88.4247, 90.9373, 93.7811

Protanopia

87.3550, 91.2574, 94.6717

Deuteranopia

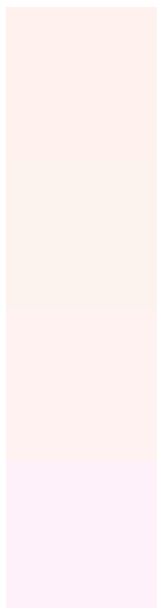
89.1698, 91.2353, 97.7044



Tritanopia

90.4501, 90.8002, 107.3667

Trichromacy



Original Color

88.4247, 90.9373, 93.7811

Protanomaly

87.7755, 91.0286, 94.6054

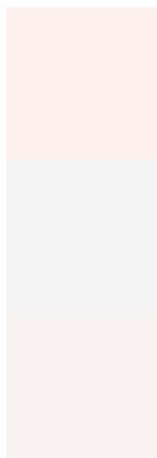
Deuteranomaly

88.8693, 91.1151, 96.1222

Tritanomaly

89.7942, 91.0101, 102.4566

Monochromacy



Original Color

88.4247, 90.9373, 93.7811

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 88.4247, 90.9373, 93.7811 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 238) }
```

Border

The CSS property to change the border of an element to XYZ 88.4247, 90.9373, 93.7811 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, 238) }
```


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

```
.border{ border-color:rgb(255, 242, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4247, 90.9373, 93.7811 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
242, 238) }
```

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](#).

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