

Converting Colors

XYZ(105.6764, 100.0000,
93.1987)

Have a look what the booklet for
XYZ(105.6764, 100.0000, 93.1987)
contains.

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Color

**XYZ(88.1325, 90.8204,
92.2419)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2EC
RGB	255, 242, 236
RGB Percent	100%, 95%, 93%
CMY	0.0000, 0.0510, 0.0745
CMYK	0.00, 0.05, 0.07, 0.00
HSL	19°, 100%, 96%
HSV	19°, 7%, 100%
XYZ	88.1325, 90.8204, 92.2419
YIQ	245.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

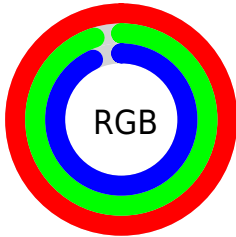
Format	Color
R _Y B	255, 245, 236
Decimal	16773868
CIE Lab	96.34, 3.36, 4.44
CIE LCh	96, 5.569, 52.869
Yxy	90.8204, 0.3250, 0.3349
Android (android.graphics.Color)	4294963948 (0xFFFFF2EC)
YUV	245.2030, -4.5371, 8.5920
Hunter-Lab	95.2997, -1.6990, 9.3222

Details

The XYZ color **88.1325, 90.8204, 92.2419** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.5170, 92.8019, 107.9604**, and the grayscale version is **86.9862, 91.5162, 99.6612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0858, 50.4189, 50.3247** is the 20% darker color. If you saturate the color by 10%, you get **79.7433, 79.5539, 72.4535**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

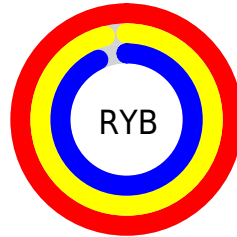
Distribution



Red (100%)

Green (95%)

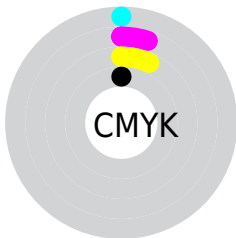
Blue (93%)



Red (100%)

Yellow (96%)

Blue (93%)

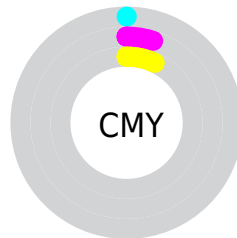


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1325, 90.8204, 92.2419 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 88.1325, 90.8204, 92.2419 by changing the saturation by 10% instead.

88.1325, 90.8204,
92.2419

88.1325, 90.8204,
92.2419

510.2659,
530.6960, 556.0542

66.7640, 68.6613,
69.2574

143.6332,
148.4774, 152.4112

49.1628, 50.4359,
50.4483

178.4961,
184.7442, 190.4331

34.9637, 35.7599,
35.3961

218.5878,
226.4822, 234.3046

23.8013, 24.2488,
23.6821

264.2736,
274.0759, 284.4442

15.3102, 15.5183,
14.8880

315.9190,
327.9098, 341.2704

9.1251, 9.1839,
8.5951

373.8893,

4.8807, 4.8613,

388.3682, 405.2017

4.3848

438.5498,
455.8354, 476.6568

■ 2.2114, 2.1661,
1.8387

■ 0.7488, 0.7014,
0.4533

■ 88.1325, 90.8204,
92.2419

■ 88.1325, 90.8204,
92.2419

■ 79.7433, 79.5539,
72.4535

95.0500, 100.0000,
108.9000

■ 72.3401, 69.4488,
55.4921

■ 65.8866, 60.4707,
41.2290

■ 60.3420, 52.5788,
29.5233

■ 55.6620, 45.7302,
20.2209

■ 51.7985, 39.8787,
13.1513

■ 48.6980, 34.9742,
8.1209

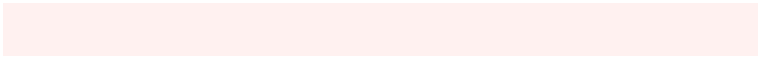
■ 46.2994, 30.9616,
4.9026

■ 44.5272, 27.7773,
3.2014

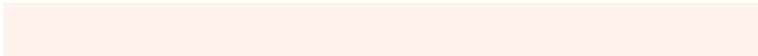
Harmonies

Analogous

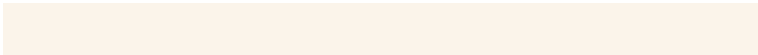
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0956, 90.8204, 95.6098



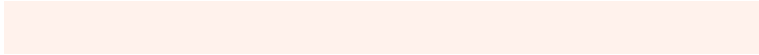
88.1325, 90.8204, 92.2419



86.6923, 90.8204, 90.6630

Triad

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



88.1325, 90.8204, 92.2419



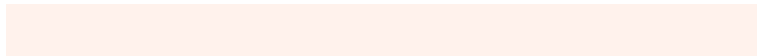
83.4002, 90.8204, 97.8329



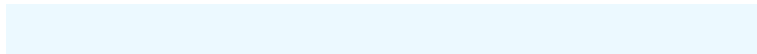
87.4848, 90.8204, 106.9577

Complementary

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



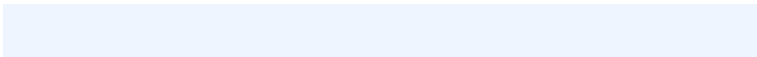
88.1325, 90.8204, 92.2419



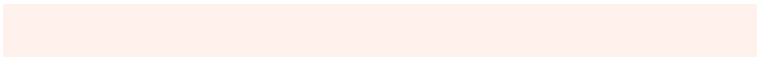
86.5170, 92.8019, 107.9604

Split Complementary

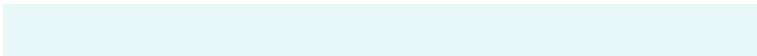
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9529, 90.8204, 107.5960



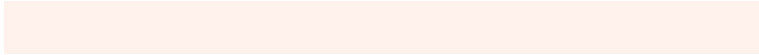
88.1325, 90.8204, 92.2419



83.6067, 90.8204, 102.2403

Square

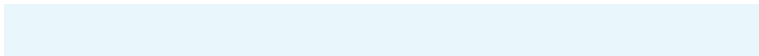
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1325, 90.8204, 92.2419



83.9691, 90.8204, 93.8277



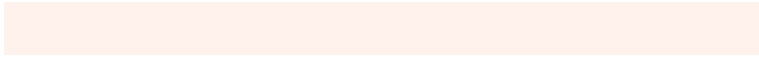
84.5366, 90.8204, 105.8459



88.7185, 90.8204, 104.1270

Rectangle

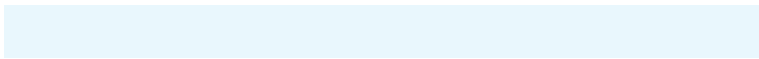
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1325, 90.8204, 92.2419



85.6604, 90.8204, 90.8030



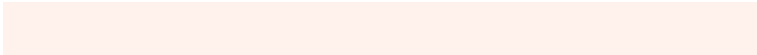
84.5366, 90.8204, 105.8459



86.9872, 90.8204, 107.4392

Sweetspot

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



88.1345, 90.8241, 92.2438



93.1369, 97.4704, 104.2651



88.3818, 88.1102, 102.2172



19.9552, 20.8893, 22.3656



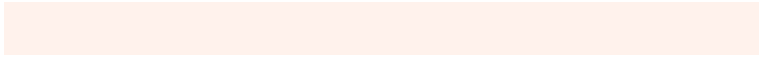
0.0000, 0.0000, 0.0000



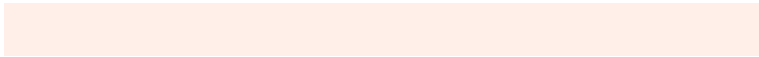
20.3446, 21.4041, 23.3091

Same Dimension

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



88.1345, 90.8241, 92.2438



86.7680, 88.9998, 88.9867



90.9404, 96.4358, 93.1791



18.4778, 18.9238, 18.8231



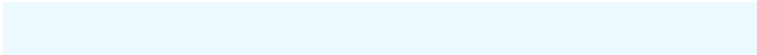
23.1880, 14.3872, 1.5549



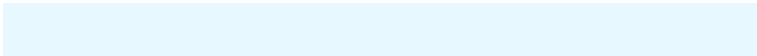
2.3509, 1.5872, 0.1824

Inverse Universe

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



86.5170, 92.8019, 107.9604



84.8345, 91.3633, 107.7714



83.7443, 87.2565, 107.0361



18.0423, 19.4562, 23.0544



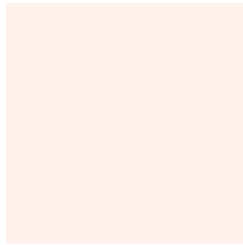
17.5218, 19.9532, 52.3624



1.8042, 2.1392, 5.1311

Previews

White Background



This preview shows how the XYZ color 88.1325, 90.8204, 92.2419 looks on a white background.

Color Contrast Check

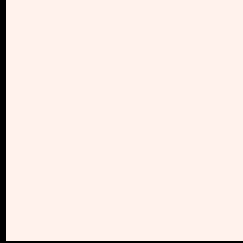
Large Text (above 18pt) WCAG AA × Fail

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 88.1325, 90.8204, 92.2419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

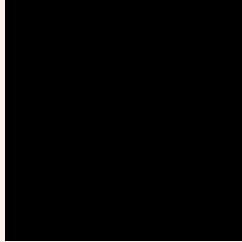
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1325, 90.8204, 92.2419

Background



This preview shows how black text looks on a background with the XYZ color 88.1325, 90.8204, 92.2419.

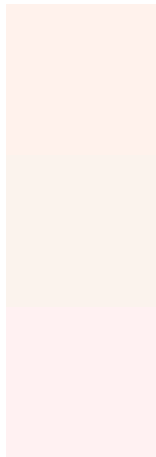


This preview shows how white text looks on a background with the XYZ color 88.1325, 90.8204,

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

88.1325, 90.8204, 92.2419

Protanopia

87.1203, 90.7248, 93.0407

Deuteranopia

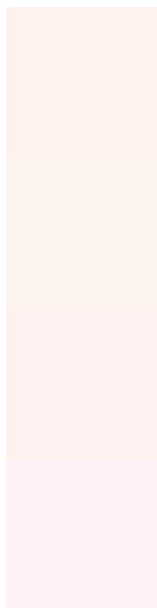
88.7223, 90.5814, 96.8122



Tritanopia

90.4501, 90.8002, 107.3667

Trichromacy



Original Color

88.1325, 90.8204, 92.2419

Protanomaly

87.4815, 90.9111, 93.0576

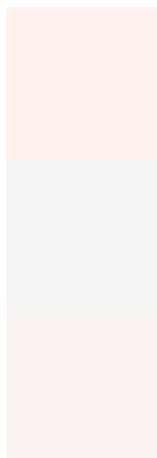
Deuteranomaly

88.4235, 90.4619, 95.2385

Tritanomaly

89.6386, 90.9479, 101.6372

Monochromacy



Original Color

88.1325, 90.8204, 92.2419

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 88.1325, 90.8204, 92.2419 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, 236) looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 88.1325, 90.8204, 92.2419 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, 236) }
```


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

```
.border{ border-color:rgb(255, 242, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1325, 90.8204, 92.2419 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
242, 236) }
```

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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