

Converting Colors

XYZ(85.8048, 91.4369, 92.9241)

Have a look what the booklet for
XYZ(85.8048, 91.4369, 92.9241)
contains.

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Color

**XYZ(85.8980, 91.4384,
93.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F6ED
RGB	245, 246, 237
RGB Percent	96%, 96%, 93%
CMY	0.0392, 0.0353, 0.0706
CMYK	0.00, 0.00, 0.04, 0.04
HSL	67°, 33%, 95%
HSV	67°, 4%, 96%
XYZ	85.8980, 91.4384, 93.2428
YIQ	244.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

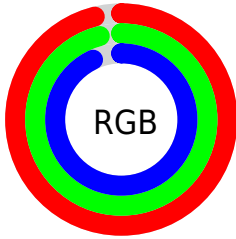
Format	Color
R _Y B	237, 246, 238
Decimal	16119533
CIE Lab	96.59, -1.89, 4.20
CIE LCh	97, 4.602, 114.247
Yxy	91.4384, 0.3175, 0.3379
Android (android.graphics.Color)	4294309613 (0xFFFF5F6ED)
YUV	244.6750, -3.7838, 0.2850
Hunter-Lab	95.6234, -6.9954, 9.1225

Details

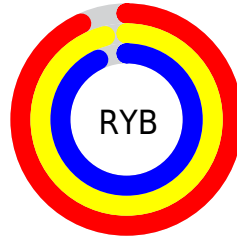
The XYZ color **85.8980, 91.4384, 93.2428** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.1821, 85.4018, 99.3462**, and the grayscale version is **86.5603, 91.0681, 99.1732**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7402, 50.9819, 51.0404** is the 20% darker color. If you saturate the color by 10%, you get **81.5982, 89.6116, 75.5491**, and if you desaturate by 10%, it is **89.6288, 93.0451, 107.8433**.

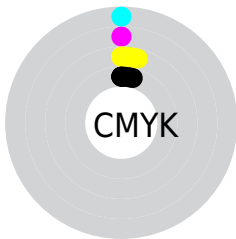
Distribution



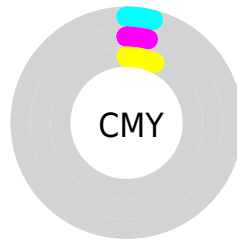
- Red (96%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8980, 91.4384, 93.2428 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 85.8980, 91.4384, 93.2428 by changing the saturation by 10% instead.

85.8980, 91.4384,
93.2428

85.8980, 91.4384,
93.2428

503.0338,
532.6989, 559.3640

64.9086, 69.1743,
70.0845

140.5347,
149.3348, 153.8093

47.6514, 50.8536,
51.1182

174.9127,
185.7358, 192.0547

33.7610, 36.0921,
35.9253

214.4844,
227.6180, 236.1661

22.8721, 24.5054,
24.0873

259.6149,
275.3656, 286.5623

14.6193, 15.7089,
15.1856

310.6698,
329.3631, 343.6616

8.6372, 9.3184,
8.8017

368.0144,

4.5605, 4.9495,

389.9949, 407.8826

4.5170

432.0139,
457.6454, 479.6439

■ 2.0239, 2.2176,
1.9130

■ 0.6473, 0.7296,
0.5010

■ 85.8980, 91.4384,
93.2428

■ 85.8980, 91.4384,
93.2428

■ 81.5982, 89.6116,
75.5491

■ 89.6288, 93.0451,
107.8433

■ 77.7833, 87.9775,
60.3460

■ 90.6076, 93.5497,
107.8891

■ 74.4343, 86.5314,
47.5235

■ 91.6008, 94.0617,
107.9356

■ 71.5284, 85.2641,
36.9606

■ 92.2475, 94.3951,
107.9658

■ 69.0404, 84.1656,
28.5260

■ 66.9429, 83.2249,
22.0749

■ 65.2048, 82.4296,
17.4442

■ 63.7902, 81.7653,
14.4453

■ 62.6554, 81.2144,
12.8482

Harmonies

Analogous

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



87.1576, 91.4384, 92.6801



85.8980, 91.4384, 93.2428



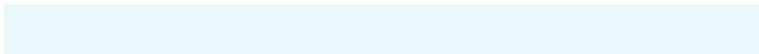
84.9183, 91.4384, 95.4803

Triad

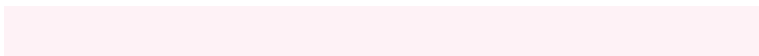
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8980, 91.4384, 93.2428



85.4727, 91.4384, 105.4189



89.3929, 91.4384, 100.2724

Complementary

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



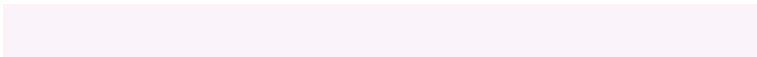
85.8980, 91.4384, 93.2428



82.1821, 85.4018, 99.3462

Split Complementary

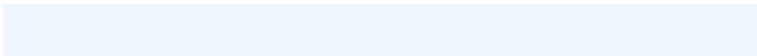
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9315, 91.4384, 103.7560



85.8980, 91.4384, 93.2428



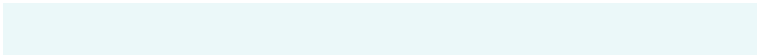
86.6618, 91.4384, 106.7740

Square

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



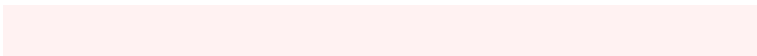
85.8980, 91.4384, 93.2428



84.6744, 91.4384, 102.4973



87.9288, 91.4384, 106.1581



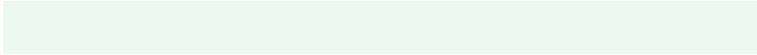
89.1835, 91.4384, 96.6810

Rectangle

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



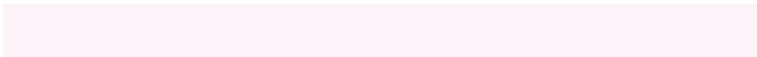
85.8980, 91.4384, 93.2428



84.5514, 91.4384, 97.6507



87.9288, 91.4384, 106.1581



89.3110, 91.4384, 101.4958

Sweetspot

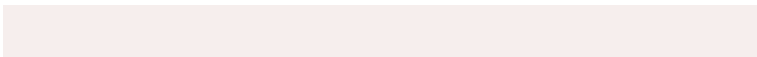
The Sweet Spot groups the original color and five complimentary colors.



85.9006, 91.4424, 93.2448



94.5375, 99.7829, 106.7472



83.8405, 86.8005, 92.4574



20.2403, 21.3599, 22.8710



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.



85.9006, 91.4424, 93.2448



93.0335, 99.1452, 100.4598



84.3842, 90.6607, 93.1738



18.1635, 19.4020, 19.3962



33.1878, 43.2218, 6.5935



2.9678, 3.8250, 0.5819

Inverse Universe

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



82.1821, 85.4018, 99.3462



88.6262, 91.9854, 107.6916



83.6770, 86.1724, 99.4162



17.1465, 17.7498, 21.0649



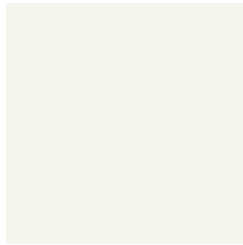
9.1832, 3.7084, 46.7698



0.8623, 0.3544, 4.1132

Previews

White Background



This preview shows how the XYZ color 85.8980, 91.4384, 93.2428 looks on a white background.

Color Contrast Check

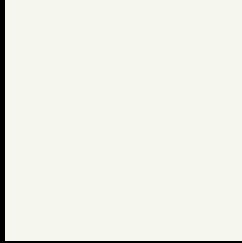
Large Text (above 18pt) WCAG AA × Fail

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 85.8980, 91.4384, 93.2428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

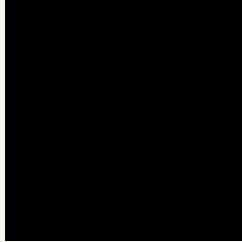
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

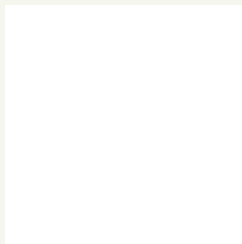
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8980, 91.4384, 93.2428

Background



This preview shows how black text looks on a background with the XYZ color 85.8980, 91.4384, 93.2428.



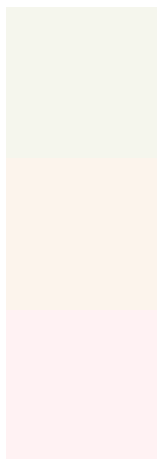
This preview shows how white text looks on a background with the XYZ color 85.8980, 91.4384,

93.2428.

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

85.8980, 91.4384, 93.2428

Protanopia

87.6359, 91.4529, 92.3902

Deuteranopia

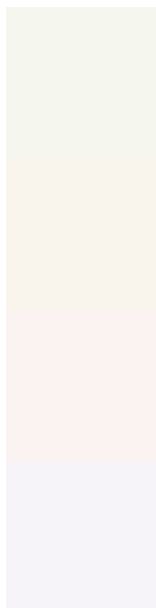
89.1698, 91.2353, 97.7044



Tritanopia

88.4584, 91.0953, 107.5286

Trichromacy



Original Color

85.8980, 91.4384, 93.2428

Protanomaly

86.8597, 91.5007, 92.4403

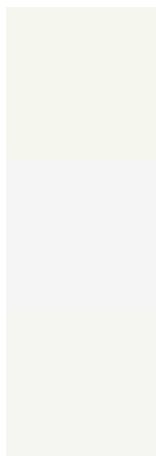
Deuteranomaly

87.7114, 90.9613, 96.1535

Tritanomaly

87.3000, 91.0715, 101.7843

Monochromacy



Original Color

85.8980, 91.4384, 93.2428

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.3356, 91.1281, 97.0435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8980, 91.4384, 93.2428 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(245, 246, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 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(245, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 237) }
```

Border

The CSS property to change the border of an element to XYZ 85.8980, 91.4384, 93.2428 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(245, 246, 237) }
```


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

```
.border{ border-color:rgb(245, 246, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8980, 91.4384, 93.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 237) }
```

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

```
.background{ background-color: rgb(245,  
246, 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](#).

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