

Converting Colors

XYZ(89.0291, 92.5319, 93.9357)

Have a look what the booklet for
XYZ(89.0291, 92.5319, 93.9357)
contains.

XYZ(88.9581, 92.5487, 94.0640) 3

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Color

**XYZ(88.9581, 92.5487,
94.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF5EE
RGB	254, 245, 238
RGB Percent	100%, 96%, 93%
CMY	0.0039, 0.0392, 0.0667
CMYK	0.00, 0.04, 0.06, 0.00
HSL	26°, 89%, 96%
HSV	26°, 6%, 100%
XYZ	88.9581, 92.5487, 94.0640
YIQ	246.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 250, 238
Decimal	16709102
CIE Lab	97.04, 1.83, 4.42
CIE LCh	97, 4.786, 67.553
Yxy	92.5487, 0.3228, 0.3358
Android (android.graphics.Color)	4294899182 (0xFFFEF5EE)
YUV	246.8930, -4.3842, 6.2328
Hunter-Lab	96.2022, -3.2952, 9.3694

Details

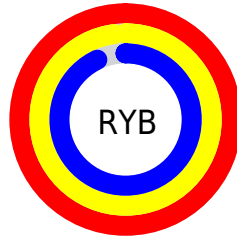
The XYZ color **88.9581, 92.5487, 94.0640** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4100, 91.8530, 106.9422**, and the grayscale version is **88.3536, 92.9548, 101.2278**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6671, 51.6429, 51.6063** is the 20% darker color. If you saturate the color by 10%, you get **81.3325, 82.8533, 74.3916**, and if you desaturate by 10%, it is **94.6836, 99.8111, 108.8829**.

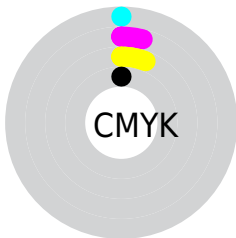
Distribution



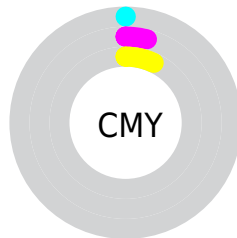
- Red (100%)
- Green (96%)
- Blue (93%)



- Red (100%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9581, 92.5487, 94.0640 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 88.9581, 92.5487, 94.0640 by changing the saturation by 10% instead.


 88.9581, 92.5487,
94.0640

 88.9581, 92.5487,
94.0640

512.9243,
536.2873, 562.0717

 67.4502, 70.0965,
70.7636


144.7760,
150.8736, 154.9553

 49.7227, 51.6052,
51.6687


179.8168,
187.5151, 193.3833

 35.4100, 36.6905,
36.3606


220.0993,
229.6552, 237.6908

 24.1468, 24.9679,
24.4209

265.9888,
277.6781, 288.2966

 15.5679, 16.0532,
15.4311

317.8507,
331.9684, 345.6190

 9.3078, 9.5618,
8.9725

376.0503,

 5.0012, 5.1094,

392.9105, 410.0766

4.6267

440.9531,
460.8886, 482.0880

■ 2.2827, 2.3116,
1.9751

■ 0.7858, 0.7798,
0.5399

■ 88.9581, 92.5487,
94.0640

■ 88.9581, 92.5487,
94.0640

■ 81.3325, 82.8533,
74.3916

94.6836, 99.8111,
108.8829

■ 74.5349, 74.0077,
57.4834

■ 68.5367, 65.9911,
43.2152

■ 63.3046, 58.7771,
31.4509

■ 58.8025, 52.3380,
22.0423

■ 54.9910, 46.6442,
14.8249

■ 51.8264, 41.6634,
9.6131

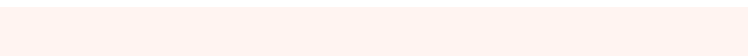
■ 49.2584, 37.3601,
6.1897

■ 47.2262, 33.6939,
4.2844

Harmonies

Analogous

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



90.0356, 92.5487, 96.3131



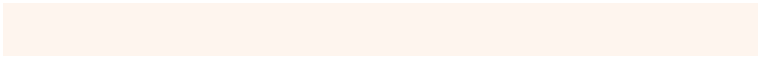
88.9581, 92.5487, 94.0640



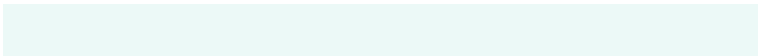
87.6245, 92.5487, 93.5892

Triad

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



88.9581, 92.5487, 94.0640



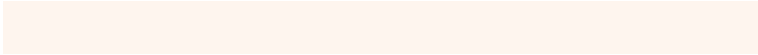
85.4204, 92.5487, 101.7486



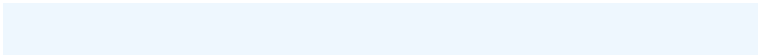
89.5539, 92.5487, 106.7697

Complementary

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



88.9581, 92.5487, 94.0640



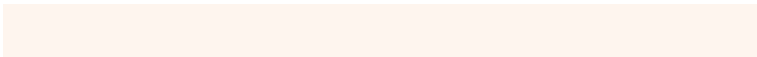
86.4100, 91.8530, 106.9422

Split Complementary

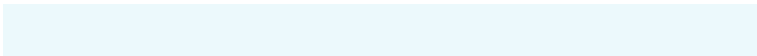
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3059, 92.5487, 108.3087



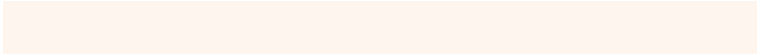
88.9581, 92.5487, 94.0640



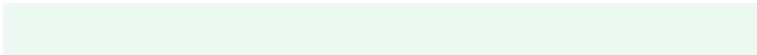
85.9260, 92.5487, 105.3619

Square

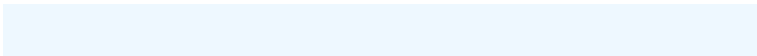
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



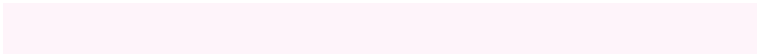
88.9581, 92.5487, 94.0640



85.5910, 92.5487, 97.9621



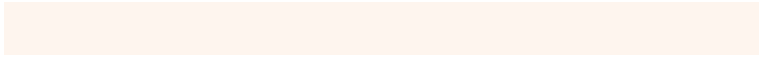
86.9788, 92.5487, 107.7870



90.3820, 92.5487, 103.6307

Rectangle

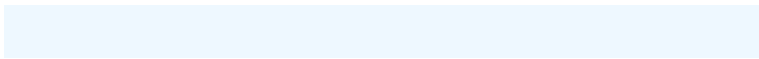
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.9581, 92.5487, 94.0640



86.7713, 92.5487, 94.3312



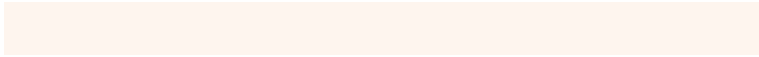
86.9788, 92.5487, 107.7870



89.1691, 92.5487, 107.4949

Sweetspot

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



88.9607, 92.5527, 94.0660



93.3317, 97.8600, 104.3301



88.2476, 88.9408, 100.5670



19.9949, 20.9686, 22.3788



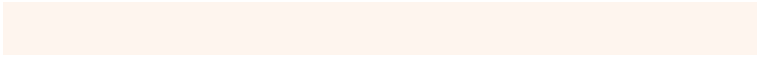
0.0000, 0.0000, 0.0000



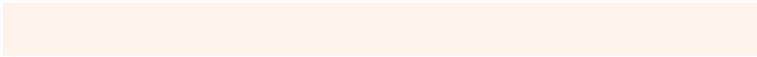
20.3446, 21.4041, 23.3091

Same Dimension

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



88.9607, 92.5527, 94.0660



88.3873, 91.6544, 91.3272



91.4111, 97.4536, 94.8828



18.6636, 19.2954, 18.8850



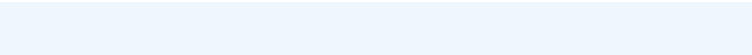
24.6978, 17.4069, 2.0582



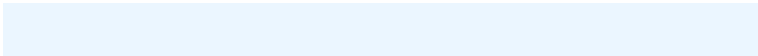
2.5112, 1.9078, 0.2359

Inverse Universe

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



86.4100, 91.8530, 106.9422



85.1559, 90.7678, 107.6395



84.0366, 87.1063, 106.1511



17.8503, 19.0723, 22.9905



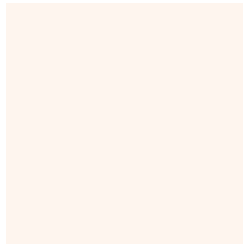
14.7441, 14.3977, 51.4365



1.5444, 1.6195, 5.0445

Previews

White Background



This preview shows how the XYZ color 88.9581, 92.5487, 94.0640 looks on a white background.

Color Contrast Check

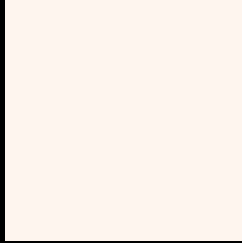
Large Text (above 18pt) WCAG AA × Fail

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 88.9581, 92.5487, 94.0640 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

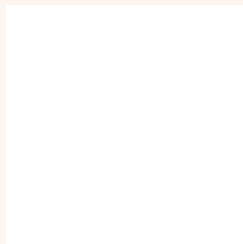
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.9581, 92.5487, 94.0640

Background



This preview shows how black text looks on a background with the XYZ color 88.9581, 92.5487, 94.0640.



This preview shows how white text looks on a background with the XYZ color 88.9581, 92.5487,

94.0640.

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

88.9581, 92.5487, 94.0640

Protanopia

88.5930, 92.3605, 94.0469

Deuteranopia

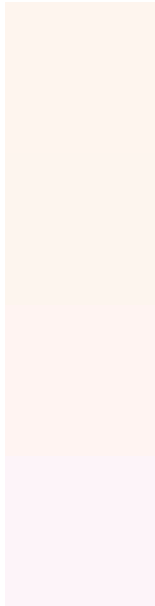
89.9198, 92.4930, 98.7016



Tritanopia

90.9087, 92.8040, 107.7293

Trichromacy



Original Color

88.9581, 92.5487, 94.0640

Protanomaly

88.5930, 92.3605, 94.0469

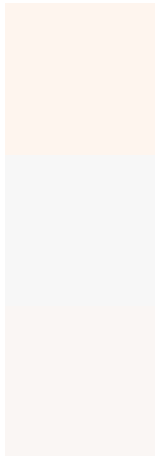
Deuteranomaly

89.6177, 92.3722, 97.1107

Tritanomaly

89.9576, 92.4236, 102.7208

Monochromacy



Original Color

88.9581, 92.5487, 94.0640

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.7092, 92.7672, 98.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9581, 92.5487, 94.0640 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(254, 245, 238) looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 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(254, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 238) }
```

Border

The CSS property to change the border of an element to XYZ 88.9581, 92.5487, 94.0640 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(254, 245, 238) }
```


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

```
.border{ border-color:rgb(254, 245, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9581, 92.5487, 94.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 238) }
```

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

```
.background{ background-color: rgb(254,  
245, 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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