

Converting Colors

XYZ(89.0445, 92.6405, 99.8377)

Have a look what the booklet for
XYZ(89.0445, 92.6405, 99.8377)
contains.

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Color

**XYZ(88.9175, 92.4066,
99.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF5F5
RGB	251, 245, 245
RGB Percent	98%, 96%, 96%
CMY	0.0157, 0.0392, 0.0392
CMYK	0.00, 0.02, 0.02, 0.02
HSL	0°, 43%, 97%
HSV	0°, 2%, 98%
XYZ	88.9175, 92.4066, 99.5360
YIQ	246.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

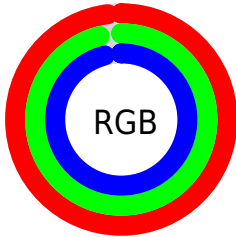
Format	Color
R _Y B	251, 245, 245
Decimal	16512501
CIE Lab	96.99, 2.00, 0.70
CIE LCh	97, 2.121, 19.241
Yxy	92.4066, 0.3166, 0.3290
Android (android.graphics.Color)	4294702581 (0xFFFBF5F5)
YUV	246.7940, -0.8844, 3.6887
Hunter-Lab	96.1284, -3.1144, 5.8981

Details

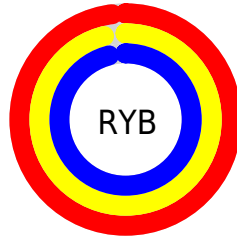
The XYZ color 88.9175, 92.4066, 99.5360 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5660, 95.3706, 104.9558, and the grayscale version is 88.2479, 92.8437, 101.1068.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8886, 51.6714, 55.4883 is the 20% darker color. If you saturate the color by 10%, you get 78.2626, 76.8178, 78.3442, and if you desaturate by 10%, it is 93.5942, 99.2495, 108.8319.

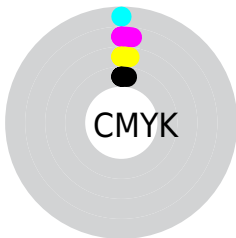
Distribution



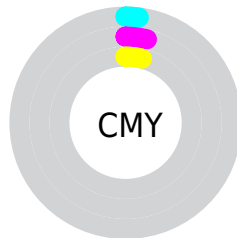
- Red (98%)
- Green (96%)
- Blue (96%)



- Red (98%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9175, 92.4066, 99.5360 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 88.9175, 92.4066, 99.5360 by changing the saturation by 10% instead.

88.9175, 92.4066,
99.5360

88.9175, 92.4066,
99.5360

512.7937,
535.8287, 579.9380

67.4165, 69.9784,
75.2984

144.7198,
150.6768, 162.5657

49.6951, 51.5089,
55.3542

179.7519,
187.2876, 202.1949

35.3880, 36.6138,
39.2848

220.0250,
229.3947, 247.7916

24.1298, 24.9086,
26.6718

265.9045,
277.3825, 299.7745

15.5552, 16.0090,
17.0967

317.7558,
331.6354, 358.5620

9.2988, 9.5305,
10.1407

375.9442,

4.9953, 5.0888,

392.5378, 424.5727

5.3856

440.8350,
460.4741, 498.2252

■ 2.2792, 2.2995,
2.4125

■ 0.7840, 0.7734,
0.7933

■ 88.9175, 92.4066,
99.5360

■ 88.9175, 92.4066,
99.5360

■ 78.2626, 76.8178,
78.3442

■ 93.5942, 99.2495,
108.8319

■ 69.0916, 63.3996,
60.1079

■ 61.3412, 52.0594,
44.6976

■ 54.9403, 42.6934,
31.9721

■ 49.8118, 35.1888,
21.7777

■ 45.8709, 29.4215,
13.9455

■ 43.0223, 25.2521,
8.2859

■ 41.1562, 22.5201,
4.5803

■ 40.1400, 21.0316,
2.5645

Harmonies

Analogous

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



88.9618, 92.4066, 101.2298



88.9175, 92.4066, 99.5360



88.5810, 92.4066, 98.1464

Triad

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



88.9175, 92.4066, 99.5360



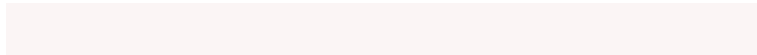
86.9634, 92.4066, 98.4848



87.6157, 92.4066, 103.8781

Complementary

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



88.9175, 92.4066, 99.5360



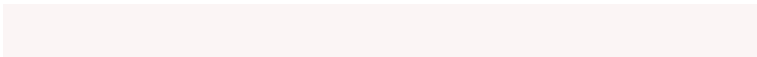
89.5660, 95.3706, 104.9558

Split Complementary

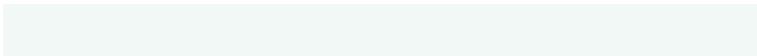
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0827, 92.4066, 103.1248



88.9175, 92.4066, 99.5360



86.7072, 92.4066, 100.0029

Square

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



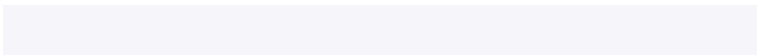
88.9175, 92.4066, 99.5360



87.4521, 92.4066, 97.5443



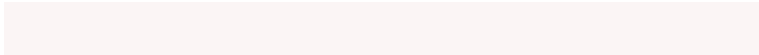
86.7508, 92.4066, 101.7019



88.2084, 92.4066, 103.7497

Rectangle

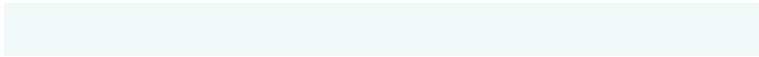
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.9175, 92.4066, 99.5360



88.2370, 92.4066, 97.5734



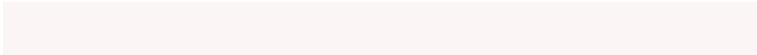
86.7508, 92.4066, 101.7019



87.4236, 92.4066, 103.7193

Sweetspot

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



88.9201, 92.4106, 99.5380



93.8346, 98.2218, 106.4829



89.8500, 92.7805, 104.4409



20.0973, 21.0422, 22.8172



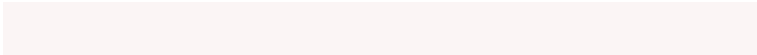
0.0000, 0.0000, 0.0000



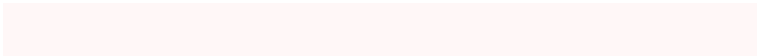
20.3446, 21.4041, 23.3091

Same Dimension

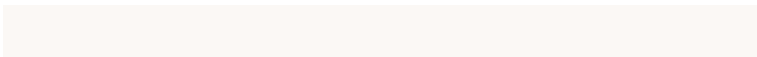
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9201, 92.4106, 99.5380



91.4521, 94.7361, 101.7450



89.8338, 94.2380, 99.8426



18.5485, 19.1334, 20.4695



20.9134, 10.7834, 0.9791



1.9373, 0.9994, 0.0908

Inverse Universe

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



89.5660, 95.3706, 104.9558



92.2896, 98.5744, 108.7703



88.6375, 93.5137, 104.6463



18.7644, 20.1227, 22.2804



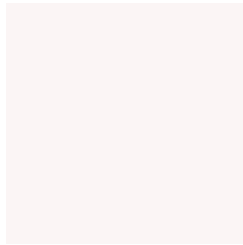
27.2574, 39.8704, 54.2327



2.5248, 3.6934, 5.0230

Previews

White Background



This preview shows how the XYZ color 88.9175, 92.4066, 99.5360 looks on a white background.

Color Contrast Check

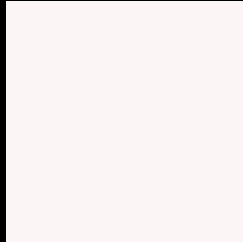
Large Text (above 18pt) WCAG AA × Fail

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 88.9175, 92.4066, 99.5360 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

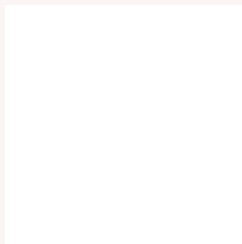
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.9175, 92.4066, 99.5360

Background



This preview shows how black text looks on a background with the XYZ color 88.9175, 92.4066, 99.5360.



This preview shows how white text looks on a background with the XYZ color 88.9175, 92.4066, 99.5360.

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

88.9175, 92.4066, 99.5360

Protanopia

88.9175, 92.4066, 99.5360

Deuteranopia

90.2252, 92.6152, 100.3099



Tritanopia

89.8250, 92.2454, 107.6786

Trichromacy



Original Color

88.9175, 92.4066, 99.5360

Protanomaly

88.9175, 92.4066, 99.5360

Deuteranomaly

89.8583, 92.4260, 100.2927

Tritanomaly

89.1876, 91.9904, 104.3220

Monochromacy



Original Color

88.9175, 92.4066, 99.5360

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.3017, 92.5218, 100.3933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9175, 92.4066, 99.5360 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(251, 245, 245) looks like.

```
.text, #text, p{  
    color:rgb(251, 245, 245)  
}
```

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(251, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 245, 245) }
```

Border

The CSS property to change the border of an element to XYZ 88.9175, 92.4066, 99.5360 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(251, 245, 245) }
```


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

```
.border{ border-color:rgb(251, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 245, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 245, 245); box-shadow:4px 4px 4px 4px rgb(251, 245, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9175, 92.4066, 99.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 245, 245) }
```

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

```
.background{ background-color: rgb(251,  
245, 245) }
```

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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