

Converting Colors

XYZ(87.3592, 91.1046, 95.3439)

Have a look what the booklet for
XYZ(87.3592, 91.1046, 95.3439)
contains.

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Color

**XYZ(87.5032, 91.3166,
95.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF4F0
RGB	250, 244, 240
RGB Percent	98%, 96%, 94%
CMY	0.0196, 0.0431, 0.0588
CMYK	0.00, 0.02, 0.04, 0.02
HSL	24°, 50%, 96%
HSV	24°, 4%, 98%
XYZ	87.5032, 91.3166, 95.4520
YIQ	245.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

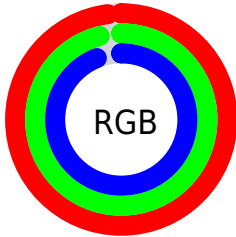
Format	Color
R _Y B	250, 247, 240
Decimal	16446704
CIE Lab	96.54, 1.32, 2.62
CIE LCh	97, 2.935, 63.307
Yxy	91.3166, 0.3190, 0.3329
Android (android.graphics.Color)	4294636784 (0xFFFAF4F0)
YUV	245.3380, -2.6316, 4.0886
Hunter-Lab	95.5597, -3.7786, 7.6686

Details

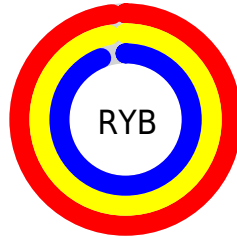
The XYZ color **87.5032, 91.3166, 95.4520** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1462, 91.3377, 103.5332**, and the grayscale version is **87.0831, 91.6182, 99.7722**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8831, 50.8965, 52.5950** is the 20% darker color. If you saturate the color by 10%, you get **79.7147, 81.2784, 75.7779**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

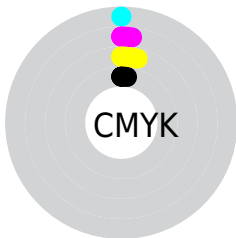
Distribution



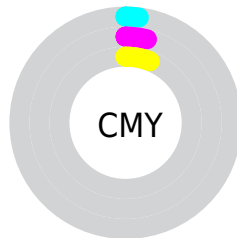
- Red (98%)
- Green (96%)
- Blue (94%)



- Red (98%)
- Yellow (97%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.5032, 91.3166, 95.4520 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 87.5032, 91.3166, 95.4520 by changing the saturation by 10% instead.

87.5032, 91.3166,
95.4520

87.5032, 91.3166,
95.4520

508.2347,
532.3045, 566.6323

66.2411, 69.0731,
71.9123

142.7614,
149.1659, 156.8899

48.7366, 50.7713,
52.6006

177.4882,
185.5405, 195.6251

34.6243, 36.0266,
37.0985

217.4340,
227.3942, 240.2625

23.5387, 24.4548,
24.9874

262.9641,
275.1116, 291.2207

15.1147, 15.6713,
15.8487

314.4438,
329.0769, 348.9183

8.9868, 9.2919,
9.2640

372.2386,

4.7896, 4.9320,

389.6745, 413.7737

4.8146

436.7138,
457.2889, 486.2055

■ 2.1578, 2.2074,
2.0821

■ 0.7204, 0.7240,
0.6051

■ 87.5032, 91.3166,
95.4520

■ 87.5032, 91.3166,
95.4520

■ 79.7147, 81.2784,
75.7779

■ 93.2349, 99.0643,
108.8151

■ 72.7727, 72.1489,
58.8066

■ 66.6487, 63.9052,
44.4201

■ 61.3091, 56.5189,
32.4893

■ 56.7184, 49.9600,
22.8738

■ 52.8375, 44.1967,
15.4190

■ 49.6233, 39.1945,
9.9510

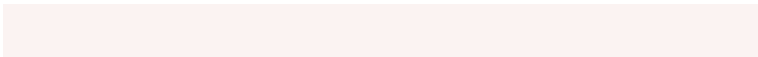
■ 47.0270, 34.9156,
6.2683

■ 44.9906, 31.3178,
4.1256

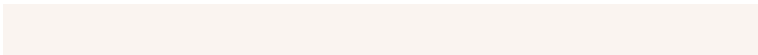
Harmonies

Analogous

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



88.1168, 91.3166, 96.9715



87.5032, 91.3166, 95.4520



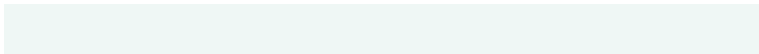
86.7028, 91.3166, 94.9922

Triad

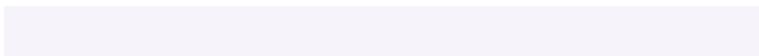
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5032, 91.3166, 95.4520



85.2306, 91.3166, 99.6887



87.6615, 91.3166, 103.2463

Complementary

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



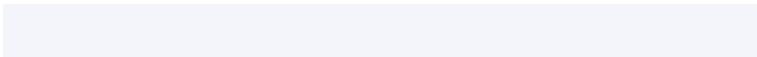
87.5032, 91.3166, 95.4520



86.1462, 91.3377, 103.5332

Split Complementary

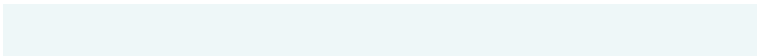
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8846, 91.3166, 104.0003



87.5032, 91.3166, 95.4520



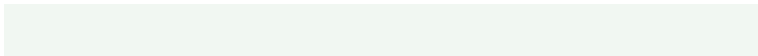
85.4839, 91.3166, 101.9261

Square

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



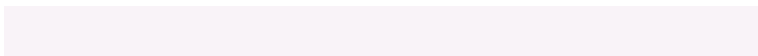
87.5032, 91.3166, 95.4520



85.3940, 91.3166, 97.4155



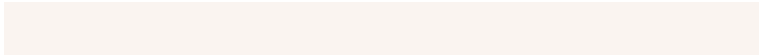
86.0880, 91.3166, 103.5134



88.2086, 91.3166, 101.4685

Rectangle

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



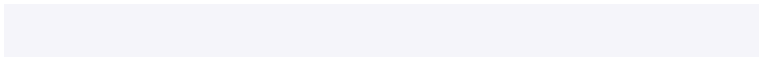
87.5032, 91.3166, 95.4520



86.1719, 91.3166, 95.3424



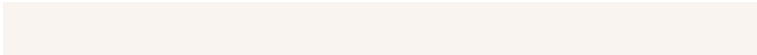
86.0880, 91.3166, 103.5134



87.4184, 91.3166, 103.6292

Sweetspot

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



87.5058, 91.3206, 95.4540



94.1563, 98.8652, 106.5901



87.2203, 89.2994, 99.8295



20.1628, 21.1732, 22.8390



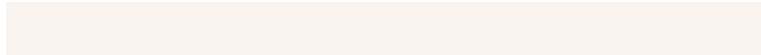
0.0000, 0.0000, 0.0000



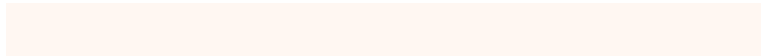
20.3446, 21.4041, 23.3091

Same Dimension

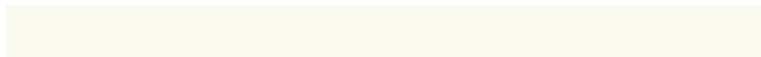
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5058, 91.3206, 95.4540



90.6742, 94.4250, 97.6482



89.0294, 94.3679, 95.9619



18.4591, 19.1939, 19.7015



23.4662, 15.8891, 1.8301



2.2740, 1.6728, 0.2030

Inverse Universe

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



86.1462, 91.3377, 103.5332



88.9067, 94.4472, 108.1520



84.6471, 88.3394, 103.0335



18.0488, 19.1991, 22.1398



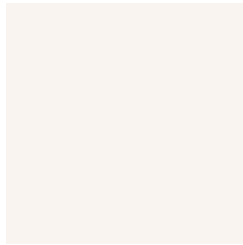
15.0734, 15.5024, 50.1714



1.4998, 1.6432, 4.6813

Previews

White Background



This preview shows how the XYZ color 87.5032, 91.3166, 95.4520 looks on a white background.

Color Contrast Check

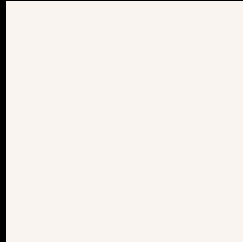
Large Text (above 18pt) WCAG AA × Fail

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 87.5032, 91.3166, 95.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

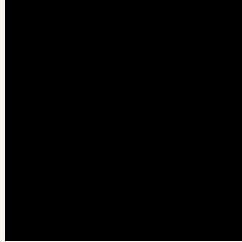
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

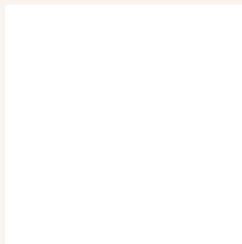
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5032, 91.3166, 95.4520

Background



This preview shows how black text looks on a background with the XYZ color 87.5032, 91.3166, 95.4520.



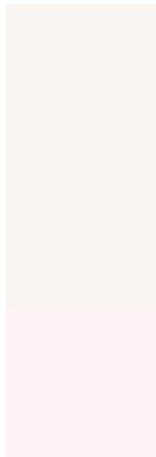
This preview shows how white text looks on a background with the XYZ color 87.5032, 91.3166,

95.4 20.

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

87.5032, 91.3166, 95.4520

Protanopia

87.5032, 91.3166, 95.4520

Deuteranopia

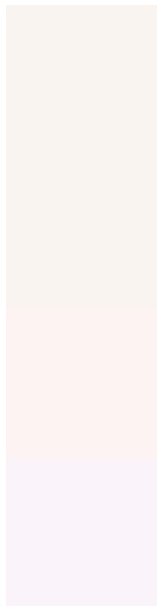
89.3213, 91.2959, 98.5021



Tritanopia

89.2265, 91.0483, 107.4791

Trichromacy



Original Color

87.5032, 91.3166, 95.4520

Protanomaly

87.5032, 91.3166, 95.4520

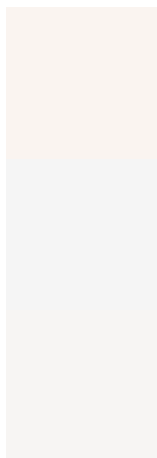
Deuteranomaly

88.7363, 91.4549, 97.7697

Tritanomaly

88.7303, 91.3273, 103.3938

Monochromacy



Original Color

87.5032, 91.3166, 95.4520

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.1878, 91.5500, 97.8697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5032, 91.3166, 95.4520 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(250, 244, 240) looks like.

```
.text, #text, p{  
    color:rgb(250, 244, 240)  
}
```

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(250, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 244, 240) }
```

Border

The CSS property to change the border of an element to XYZ 87.5032, 91.3166, 95.4520 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(250, 244, 240) }
```


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

```
.border{ border-color:rgb(250, 244, 240) }
```

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

Here you see how a box with a 4 pixel rgb(250, 244, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 244,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5032, 91.3166, 95.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 244, 240) }
```

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

```
.background{ background-color: rgb(250,  
244, 240) }
```

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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