

Converting Colors

XYZ(87.1933, 91.6400, 95.7199)

Have a look what the booklet for
XYZ(87.1933, 91.6400, 95.7199)
contains.

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Color

**XYZ(87.0920, 91.5525,
95.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F5F0
RGB	248, 245, 240
RGB Percent	97%, 96%, 94%
CMY	0.0274, 0.0392, 0.0588
CMYK	0.00, 0.01, 0.03, 0.03
HSL	38°, 36%, 96%
HSV	38°, 3%, 97%
XYZ	87.0920, 91.5525, 95.5192
YIQ	245.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

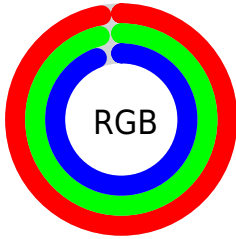
Format	Color
RYB	245, 248, 240
Decimal	16315888
CIELab	96.64, 0.14, 2.74
CIElCh	97, 2.747, 87.126
Yxy	91.5525, 0.3177, 0.3339
Android (android.graphics.Color)	4294505968 (0xFF8F5F0)
YUV	245.3270, -2.6262, 2.3442
Hunter-Lab	95.6831, -4.9723, 7.7897

Details

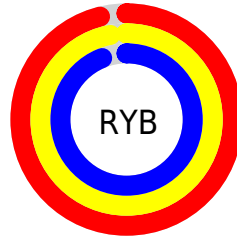
The XYZ color **87.0920, 91.5525, 95.5192** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9291, 89.4027, 101.5884**, and the grayscale version is **87.0751, 91.6097, 99.7630**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5876, 51.0624, 52.6426** is the 20% darker color. If you saturate the color by 10%, you get **80.9182, 84.7025, 76.5102**, and if you desaturate by 10%, it is **92.2968, 98.2465, 108.7066**.

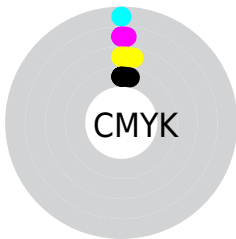
Distribution



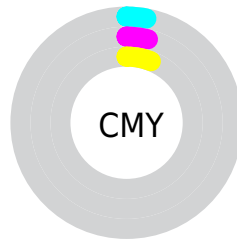
- Red (97%)
- Green (96%)
- Blue (94%)



- Red (96%)
- Yellow (97%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.0920, 91.5525, 95.5192 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 87.0920, 91.5525, 95.5192 by changing the saturation by 10% instead.

87.0920, 91.5525,
95.5192

87.0920, 91.5525,
95.5192

506.9051,
533.0682, 566.8526

65.8996, 69.2690,
71.9679

142.1914,
149.4930, 156.9834

48.4583, 50.9308,
52.6458

176.8291,
185.9188, 195.7335

34.4028, 36.1536,
37.1343

216.6793,
227.8275, 240.3869

23.3675, 24.5528,
25.0149

262.1073,
275.6035, 291.3621

14.9873, 15.7442,
15.8690

313.4786,
329.6312, 349.0777

8.8967, 9.3433,
9.2782

371.1584,

4.7305, 4.9658,

390.2949, 413.9523

4.8238

435.5121,
457.9792, 486.4044

■ 2.1231, 2.2272,
2.0873

■ 0.7017, 0.7348,
0.6082

■ 87.0920, 91.5525,
95.5192

■ 87.0920, 91.5525,
95.5192

■ 80.9182, 84.7025,
76.5102

■ 92.2968, 98.2465,
108.7066

■ 75.3640, 78.3198,
60.0906

■ 92.5220, 98.6968,
108.7817

■ 70.4085, 72.3955,
46.1477

■ 66.0260, 66.9161,
34.5579

■ 62.1891, 61.8671,
25.1871

■ 58.8675, 57.2327,
17.8873

■ 56.0276, 52.9957,
12.4926

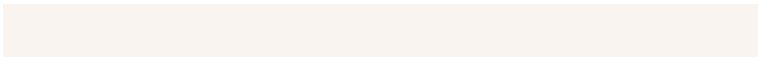
■ 53.6307, 49.1370,
8.8109

■ 51.6303, 45.6340,
6.6092

Harmonies

Analogous

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



87.8222, 91.5525, 96.1740



87.0920, 91.5525, 95.5192



86.3461, 91.5525, 95.9670

Triad

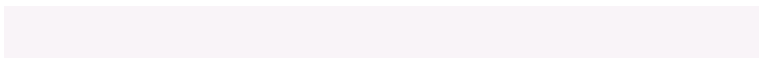
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0920, 91.5525, 95.5192



85.7098, 91.5525, 101.6265



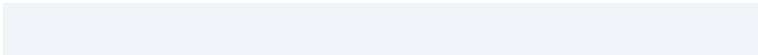
88.2645, 91.5525, 101.9992

Complementary

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



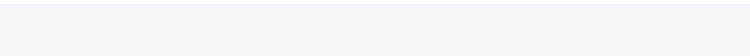
87.0920, 91.5525, 95.5192



84.9291, 89.4027, 101.5884

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.



87.6932, 91.5525, 103.4980



87.0920, 91.5525, 95.5192



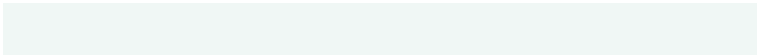
86.2185, 91.5525, 103.2807

Square

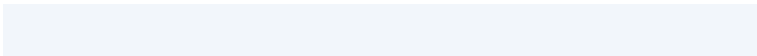
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



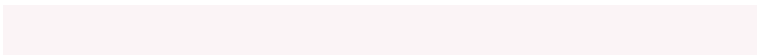
87.0920, 91.5525, 95.5192



85.5509, 91.5525, 99.4731



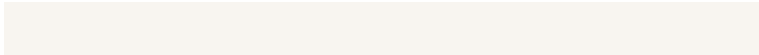
86.9439, 91.5525, 103.9704



88.5016, 91.5525, 99.8974

Rectangle

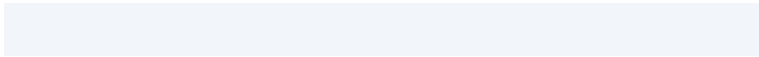
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



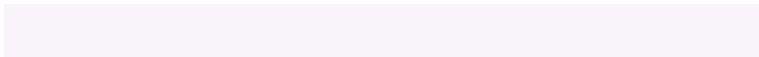
87.0920, 91.5525, 95.5192



85.9398, 91.5525, 96.8342



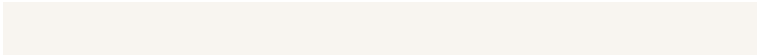
86.9439, 91.5525, 103.9704



88.1050, 91.5525, 102.5914

Sweetspot

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



87.0946, 91.5565, 95.5212



94.3382, 99.2291, 106.6508



86.0605, 88.7531, 97.4433



20.1998, 21.2473, 22.8514



0.0000, 0.0000, 0.0000



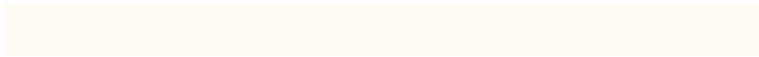
20.3446, 21.4041, 23.3091

Same Dimension

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



87.0946, 91.5565, 95.5212



92.2444, 96.9474, 100.0771



87.6782, 93.2137, 95.8103



18.7968, 19.7504, 20.1808



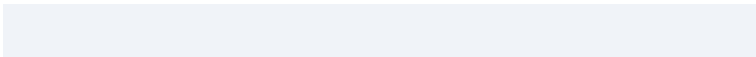
27.3946, 23.7458, 3.1396



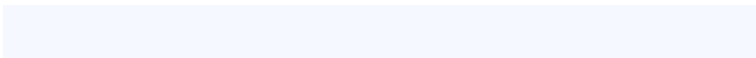
2.6390, 2.4028, 0.3247

Inverse Universe

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



84.9291, 89.4027, 101.5884



89.3947, 94.1130, 108.0618



84.3576, 87.7879, 101.3069



18.1079, 19.0653, 22.1109



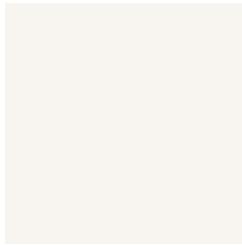
11.3847, 8.1250, 48.9418



1.1525, 0.9486, 4.5655

Previews

White Background



This preview shows how the XYZ color 87.0920, 91.5525, 95.5192 looks on a white background.

Color Contrast Check

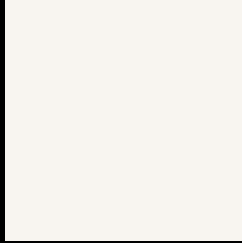
Large Text (above 18pt) WCAG AA × Fail

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 87.0920, 91.5525, 95.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

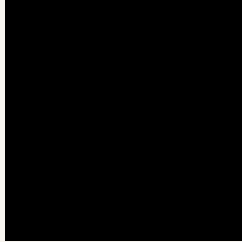
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

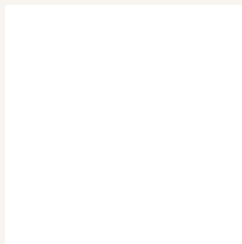
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0920, 91.5525, 95.5192

Background



This preview shows how black text looks on a background with the XYZ color 87.0920, 91.5525, 95.5192.



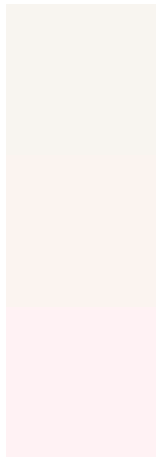
This preview shows how white text looks on a background with the XYZ color 87.0920, 91.5525,

95.5 92.

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

87.0920, 91.5525, 95.5192

Protanopia

87.8625, 91.5019, 95.4689

Deuteranopia

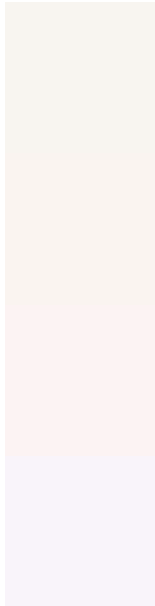
89.3213, 91.2959, 98.5021



Tritanopia

89.1675, 91.4609, 107.5618

Trichromacy



Original Color

87.0920, 91.5525, 95.5192

Protanomaly

87.5032, 91.3166, 95.4520

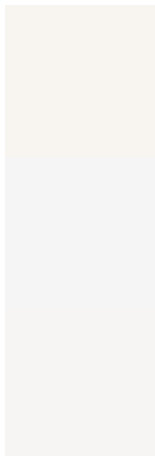
Deuteranomaly

88.3731, 91.2677, 97.7527

Tritanomaly

88.6729, 91.7432, 103.4771

Monochromacy



Original Color

87.0920, 91.5525, 95.5192

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.8361, 91.3687, 97.8532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0920, 91.5525, 95.5192 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(248, 245, 240) looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 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(248, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 240) }
```

Border

The CSS property to change the border of an element to XYZ 87.0920, 91.5525, 95.5192 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(248, 245, 240) }
```


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

```
.border{ border-color:rgb(248, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0920, 91.5525, 95.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 240) }
```

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

```
.background{ background-color: rgb(248,  
245, 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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