

Converting Colors

XYZ(87.9276, 91.8094, 92.5510)

Have a look what the booklet for
XYZ(87.9276, 91.8094, 92.5510)
contains.

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Color

**XYZ(87.6359, 91.4529,
92.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF4EC
RGB	252, 244, 236
RGB Percent	99%, 96%, 93%
CMY	0.0118, 0.0431, 0.0745
CMYK	0.00, 0.03, 0.06, 0.01
HSL	30°, 73%, 96%
HSV	30°, 6%, 99%
XYZ	87.6359, 91.4529, 92.3902
YIQ	245.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

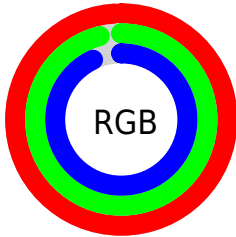
Format	Color
R _Y B	252, 252, 236
Decimal	16577772
CIE Lab	96.60, 1.32, 4.79
CIE LCh	97, 4.967, 74.554
Yxy	91.4529, 0.3228, 0.3369
Android (android.graphics.Color)	4294767852 (0xFFFCF4EC)
YUV	245.4800, -4.6736, 5.7180
Hunter-Lab	95.6310, -3.7775, 9.6610

Details

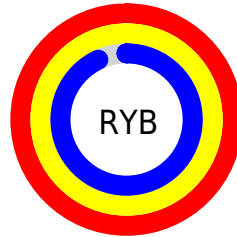
The XYZ color **87.6359, 91.4529, 92.3902** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5134, 89.5613, 104.9293**, and the grayscale version is **87.2121, 91.7539, 99.9200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7271, 50.8638, 50.4295** is the 20% darker color. If you saturate the color by 10%, you get **80.5700, 82.7720, 73.2279**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

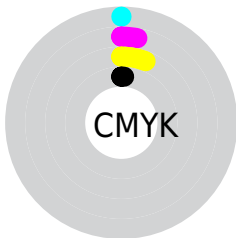
Distribution



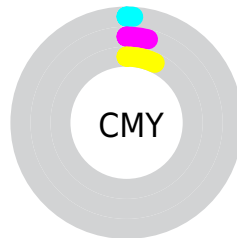
- Red (99%)
- Green (96%)
- Blue (93%)



- Red (99%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.6359, 91.4529, 92.3902 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 87.6359, 91.4529, 92.3902 by changing the saturation by 10% instead.


 87.6359, 91.4529,
92.3902

 87.6359, 91.4529,
92.3902


508.6634,
532.7458, 556.5453

 66.3514, 69.1863,
69.3799


142.9453,
149.3549, 152.6185

 48.8264, 50.8635,
50.5475


177.7008,
185.7591, 190.6736

 34.6958, 36.0999,
35.4744


217.6774,
227.6446, 234.5806

 23.5940, 24.5114,
23.7421

263.2404,
275.3958, 284.7583

 15.1559, 15.7134,
14.9320

314.7551,
329.3972, 341.6250

 9.0159, 9.3216,
8.6256

372.5870,

 4.8087, 4.9515,

390.0330, 405.5994

4.4043

437.1013,
457.6878, 477.1000

■ 2.1691, 2.2188,
1.8497

■ 0.7264, 0.7302,
0.4604

■ 87.6359, 91.4529,
92.3902

■ 87.6359, 91.4529,
92.3902

■ 80.5700, 82.7720,
73.2279

■ 93.9554, 99.4357,
108.8488

■ 74.2504, 74.7928,
56.7556

■ 68.6515, 67.4995,
42.8525

■ 63.7430, 60.8711,
31.3857

■ 59.4919, 54.8854,
22.2106

■ 55.8624, 49.5189,
15.1668

■ 52.8143, 44.7455,
10.0730

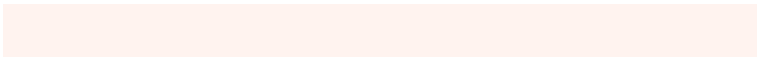
■ 50.3015, 40.5366,
6.7170

■ 48.2674, 36.8591,
4.8348

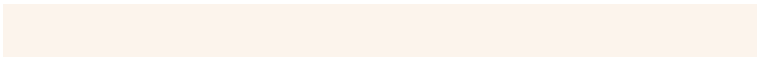
Harmonies

Analogous

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



88.8387, 91.4529, 94.3104



87.6359, 91.4529, 92.3902



86.2544, 91.4529, 92.3609

Triad

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



87.6359, 91.4529, 92.3902



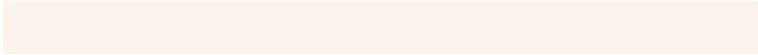
84.3658, 91.4529, 101.5096



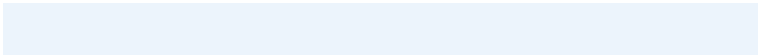
88.8090, 91.4529, 105.1226

Complementary

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



87.6359, 91.4529, 92.3902



84.5134, 89.5613, 104.9293

Split Complementary

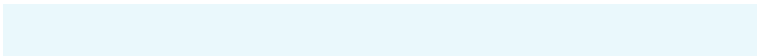
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5956, 91.4529, 107.1588



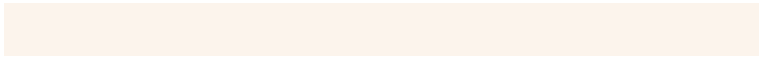
87.6359, 91.4529, 92.3902



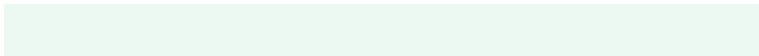
85.0355, 91.4529, 105.0354

Square

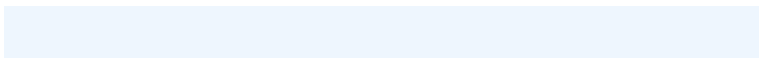
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.6359, 91.4529, 92.3902



84.3763, 91.4529, 97.5550



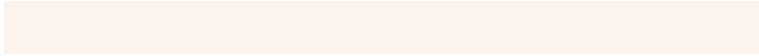
86.2144, 91.4529, 107.1264



89.5209, 91.4529, 101.6260

Rectangle

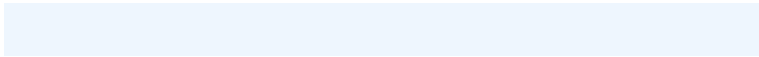
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.6359, 91.4529, 92.3902



85.4184, 91.4529, 93.4139



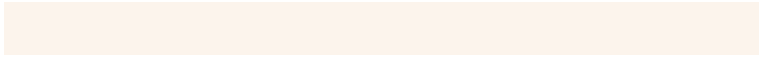
86.2144, 91.4529, 107.1264



88.4456, 91.4529, 106.0046

Sweetspot

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



87.6384, 91.4569, 92.3922



93.4320, 98.0605, 104.3635



86.4707, 87.2194, 97.8668



20.0153, 21.0094, 22.3856



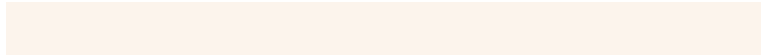
0.0000, 0.0000, 0.0000



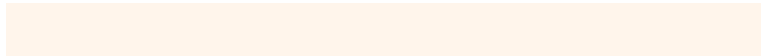
20.3446, 21.4041, 23.3091

Same Dimension

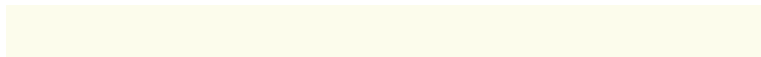
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6384, 91.4569, 92.3922



88.7713, 92.4223, 91.4551



90.0968, 96.3736, 93.2116



17.9621, 18.6600, 18.1174



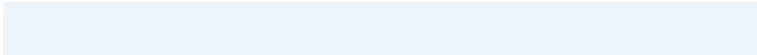
24.9504, 18.8574, 2.3248



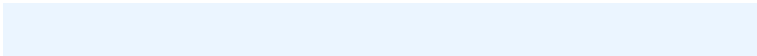
2.4168, 1.9585, 0.2507

Inverse Universe

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



84.5134, 89.5613, 104.9293



84.7693, 89.9947, 107.5106



82.1596, 84.8535, 104.1447



16.9997, 18.0762, 21.9784



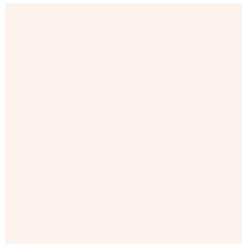
13.1821, 11.7198, 49.5409



1.3269, 1.2974, 4.6237

Previews

White Background



This preview shows how the XYZ color 87.6359, 91.4529, 92.3902 looks on a white background.

Color Contrast Check

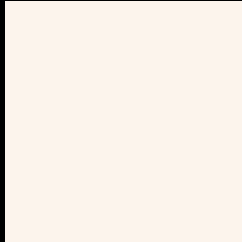
Large Text (above 18pt) WCAG AA × Fail

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 87.6359, 91.4529, 92.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

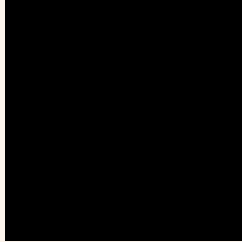
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.6359, 91.4529, 92.3902

Background



This preview shows how black text looks on a background with the XYZ color 87.6359, 91.4529, 92.3902.

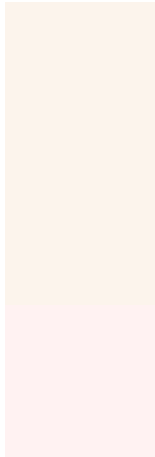


This preview shows how white text looks on a background with the XYZ color 87.6359, 91.4529,

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

87.6359, 91.4529, 92.3902

Protanopia

87.6359, 91.4529, 92.3902

Deuteranopia

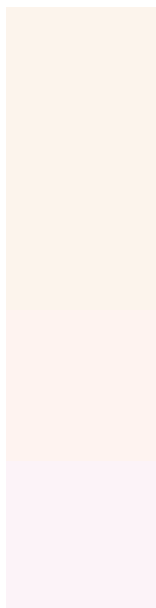
89.0191, 91.1751, 96.9111



Tritanopia

89.9470, 91.4197, 107.5128

Trichromacy



Original Color

87.6359, 91.4529, 92.3902

Protanomaly

87.6359, 91.4529, 92.3902

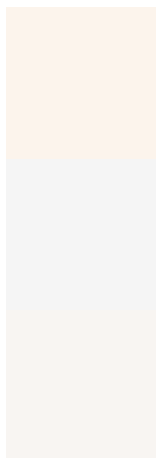
Deuteranomaly

88.6518, 91.4633, 95.4198

Tritanomaly

89.1388, 91.5739, 101.7844

Monochromacy



Original Color

87.6359, 91.4529, 92.3902

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.3908, 91.6721, 97.0929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6359, 91.4529, 92.3902 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(252, 244, 236) looks like.

```
.text, #text, p{  
    color:rgb(252, 244, 236)  
}
```

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(252, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 236) }
```

Border

The CSS property to change the border of an element to XYZ 87.6359, 91.4529, 92.3902 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(252, 244, 236) }
```


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

```
.border{ border-color:rgb(252, 244, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 244, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6359, 91.4529, 92.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 244, 236) }
```

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

```
.background{ background-color: rgb(252,  
244, 236) }
```

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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