

Converting Colors

XYZ(88.5689, 91.7829, 95.1491)

Have a look what the booklet for
XYZ(88.5689, 91.7829, 95.1491)
contains.

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Color

**XYZ(88.5869, 91.8753,
95.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF4F0
RGB	253, 244, 240
RGB Percent	99%, 96%, 94%
CMY	0.0078, 0.0431, 0.0588
CMYK	0.00, 0.04, 0.05, 0.01
HSL	18°, 76%, 97%
HSV	18°, 5%, 99%
XYZ	88.5869, 91.8753, 95.5027
YIQ	246.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

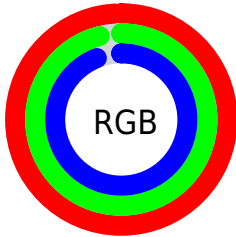
Format	Color
R _Y B	253, 246, 240
Decimal	16643312
CIE Lab	96.77, 2.33, 2.98
CIE LCh	97, 3.785, 51.997
Yxy	91.8753, 0.3210, 0.3329
Android (android.graphics.Color)	4294833392 (0xFFFD4F0)
YUV	246.2350, -3.0739, 5.9329
Hunter-Lab	95.8516, -2.7690, 8.0219

Details

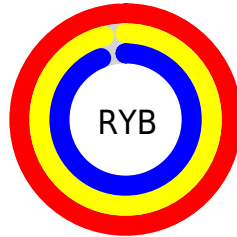
The XYZ color **88.5869, 91.8753, 95.5027** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5404, 93.3671, 106.3375**, and the grayscale version is **87.8101, 92.3831, 100.6052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3999, 51.1629, 52.6192** is the 20% darker color. If you saturate the color by 10%, you get **80.0683, 80.4385, 75.3952**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

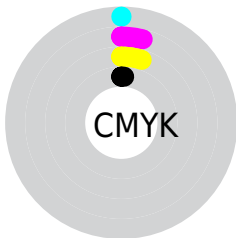
Distribution



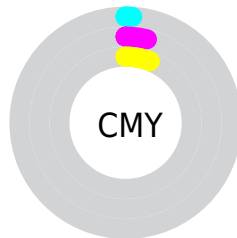
- Red (99%)
- Green (96%)
- Blue (94%)



- Red (99%)
- Yellow (96%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5869, 91.8753, 95.5027 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 88.5869, 91.8753, 95.5027 by changing the saturation by 10% instead.


 88.5869, 91.8753,
95.5027

 88.5869, 91.8753,
95.5027


511.7300,
534.1124, 566.7985

 67.1416, 69.5371,
71.9542


144.2623,
149.9406, 156.9605

 49.4709, 51.1492,
52.6347


179.2232,
186.4363, 195.7069

 35.2092, 36.3274,
37.1255


219.4200,
228.4201, 240.3563

 23.9913, 24.6871,
25.0081

265.2180,
276.2763, 291.3274

 15.4519, 15.8441,
15.8640

316.9827,
330.3892, 349.0386

 9.2255, 9.4139,
9.2747

375.0793,

 4.9469, 5.0121,

391.1432, 413.9085

4.8215

439.8733,
458.9229, 486.3556

■ 2.2506, 2.2544,
2.0860

■ 0.7692, 0.7494,
0.6074

■ 88.5869, 91.8753,
95.5027

■ 88.5869, 91.8753,
95.5027

■ 80.0683, 80.4385,
75.3952

94.3185, 99.6229,
108.8658

■ 72.5361, 70.1717,
58.0943

■ 65.9554, 61.0406,
43.4757

■ 60.2861, 53.0050,
31.4035

■ 55.4853, 46.0221,
21.7298

■ 51.5059, 40.0459,
14.2912

■ 48.2962, 35.0270,
8.9035

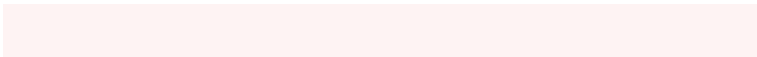
■ 45.7974, 30.9111,
5.3528

■ 43.9401, 27.6370,
3.3761

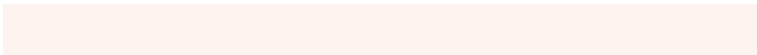
Harmonies

Analogous

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



89.2301, 91.8753, 97.8639



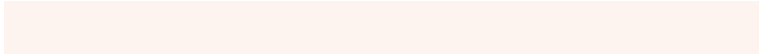
88.5869, 91.8753, 95.5027



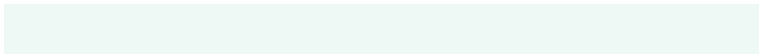
87.6091, 91.8753, 94.3613

Triad

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



88.5869, 91.8753, 95.5027



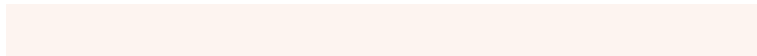
85.3199, 91.8753, 99.2253



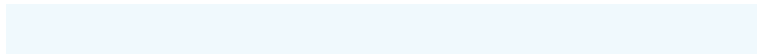
88.0911, 91.8753, 105.5526

Complementary

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



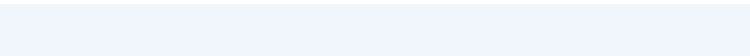
88.5869, 91.8753, 95.5027



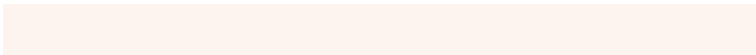
87.5404, 93.3671, 106.3375

Split Complementary

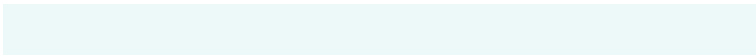
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0410, 91.8753, 105.9349



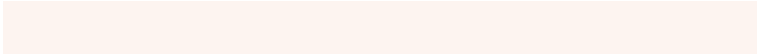
88.5869, 91.8753, 95.5027



85.4467, 91.8753, 102.2411

Square

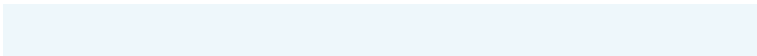
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



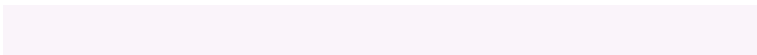
88.5869, 91.8753, 95.5027



85.7269, 91.8753, 96.4820



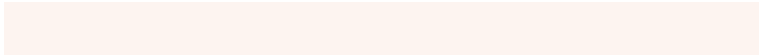
86.0746, 91.8753, 104.7117



88.9422, 91.8753, 103.6774

Rectangle

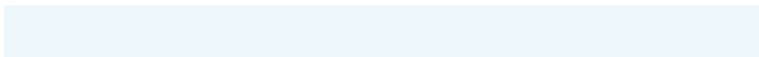
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5869, 91.8753, 95.5027



86.9013, 91.8753, 94.4294



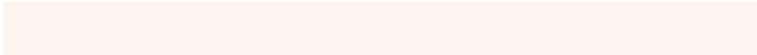
86.0746, 91.8753, 104.7117



87.7495, 91.8753, 105.8615

Sweetspot

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



88.5895, 91.8793, 95.5047



93.1241, 97.4448, 104.2609



88.7839, 90.0500, 102.4076



19.9526, 20.8841, 22.3647



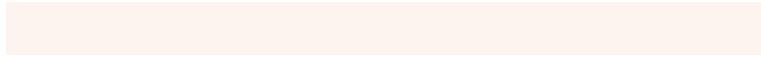
0.0000, 0.0000, 0.0000



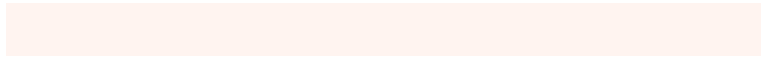
20.3446, 21.4041, 23.3091

Same Dimension

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



88.5895, 91.8793, 95.5047



89.3987, 92.4836, 95.3439



90.5475, 95.7953, 96.1574



19.0082, 19.6259, 20.1056



23.1082, 14.2276, 1.5283



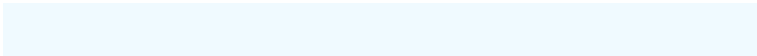
2.3419, 1.5692, 0.1795

Inverse Universe

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



87.5404, 93.3671, 106.3375



88.1583, 94.2426, 108.1519



85.5971, 89.4805, 105.6897



18.7151, 20.0415, 23.1320



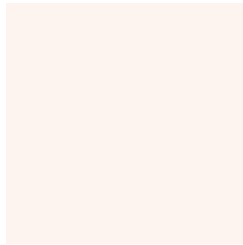
17.7288, 20.3671, 52.4314



1.8232, 2.1771, 5.1374

Previews

White Background



This preview shows how the XYZ color 88.5869, 91.8753, 95.5027 looks on a white background.

Color Contrast Check

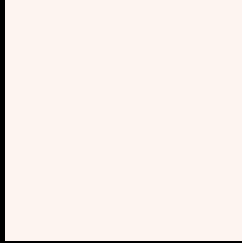
Large Text (above 18pt) WCAG AA × Fail

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 88.5869, 91.8753, 95.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

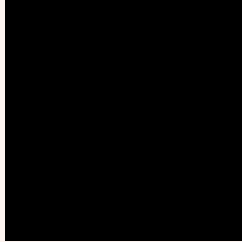
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

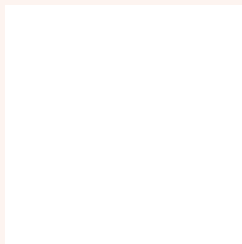
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5869, 91.8753, 95.5027

Background



This preview shows how black text looks on a background with the XYZ color 88.5869, 91.8753, 95.5027.



This preview shows how white text looks on a background with the XYZ color 88.5869, 91.8753,

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

88.5869, 91.8753, 95.5027

Protanopia

88.1642, 92.1053, 95.5694

Deuteranopia

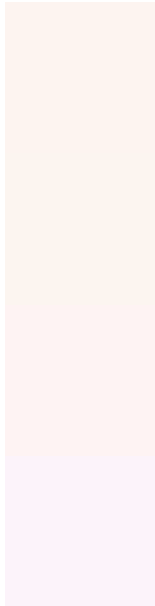
89.6197, 91.8928, 98.6016



Tritanopia

90.2455, 92.0166, 107.6123

Trichromacy



Original Color

88.5869, 91.8753, 95.5027

Protanomaly

88.5255, 92.2915, 95.5863

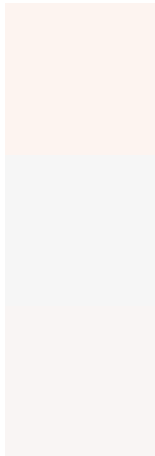
Deuteranomaly

89.1013, 91.6431, 97.7868

Tritanomaly

89.4508, 91.6988, 103.4275

Monochromacy



Original Color

88.5869, 91.8753, 95.5027

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.0485, 91.9762, 98.7005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5869, 91.8753, 95.5027 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(253, 244, 240) looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.5869, 91.8753, 95.5027 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(253, 244, 240) }
```


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

```
.border{ border-color:rgb(253, 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(253, 244, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5869, 91.8753, 95.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 240) }
```

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

```
.background{ background-color: rgb(253,  
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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