

Converting Colors

XYZ(88.4716, 91.8091, 96.5798)

Have a look what the booklet for
XYZ(88.4716, 91.8091, 96.5798)
contains.

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Color

**XYZ(88.3728, 91.7477,
96.2704)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF4F1
RGB	252, 244, 241
RGB Percent	99%, 96%, 95%
CMY	0.0118, 0.0431, 0.0549
CMYK	0.00, 0.03, 0.04, 0.01
HSL	16°, 65%, 97%
HSV	16°, 4%, 99%
XYZ	88.3728, 91.7477, 96.2704
YIQ	246.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

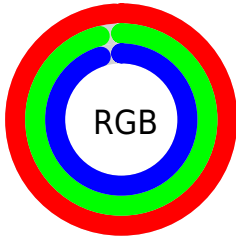
Format	Color
R _Y B	252, 245, 241
Decimal	16577777
CIE Lab	96.72, 2.16, 2.38
CIE LCh	97, 3.216, 47.762
Yxy	91.7477, 0.3197, 0.3319
Android (android.graphics.Color)	4294767857 (0xFFFCF4F1)
YUV	246.0500, -2.4896, 5.2182
Hunter-Lab	95.7850, -2.9368, 7.4591

Details

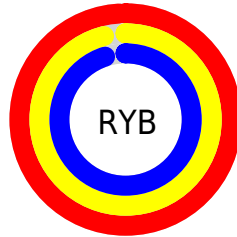
The XYZ color 88.3728, 91.7477, 96.2704 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.7220, 93.4791, 105.5166, and the grayscale version is 87.6563, 92.2213, 100.4290.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2459, 51.0713, 53.1612 is the 20% darker color. If you saturate the color by 10%, you get 79.6262, 79.8668, 76.0504, and if you desaturate by 10%, it is 93.9555, 99.4357, 108.8488.

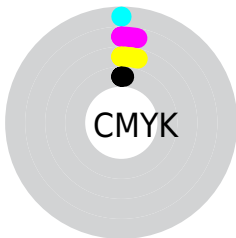
Distribution



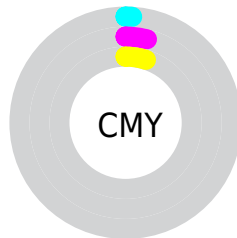
- Red (99%)
- Green (96%)
- Blue (95%)



- Red (99%)
- Yellow (96%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.3728, 91.7477, 96.2704 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 88.3728, 91.7477, 96.2704 by changing the saturation by 10% instead.


 88.3728, 91.7477,
96.2704

 88.3728, 91.7477,
96.2704


511.0404,
533.6998, 569.3120

 66.9637, 69.4311,
72.5901

143.9659,
149.7637, 158.0292

 49.3257, 51.0629,
53.1511


178.8807,
186.2318, 196.9447

 35.0935, 36.2586,
37.5348

219.0279,
228.1859, 241.7757

 23.9018, 24.6340,
25.3228

264.7732,
276.0104, 292.9408

 15.3851, 15.8046,
16.0965

316.4817,
330.0896, 350.8584

 9.1782, 9.3860,
9.4374

374.5188,

 4.9156, 4.9938,

390.8080, 415.9471

4.9269

439.2500,
458.5499, 488.6254

■ 2.2321, 2.2436,
2.1464

■ 0.7596, 0.7436,
0.6432

■ 88.3728, 91.7477,
96.2704

■ 88.3728, 91.7477,
96.2704

■ 79.6262, 79.8668,
76.0504

■ 93.9555, 99.4357,
108.8488

■ 71.9084, 69.2454,
58.6363

■ 65.1827, 59.8452,
43.9049

■ 59.4070, 51.6213,
31.7216

■ 54.5363, 44.5261,
21.9400

■ 50.5215, 38.5087,
14.3986

■ 47.3085, 33.5137,
8.9159

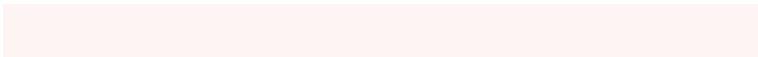
■ 44.8362, 29.4807,
5.2816

■ 43.0328, 26.3414,
3.2389

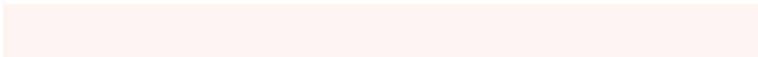
Harmonies

Analogous

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



88.8631, 91.7477, 98.3922



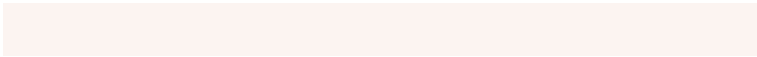
88.3728, 91.7477, 96.2704



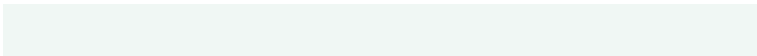
87.5711, 91.7477, 95.1285

Triad

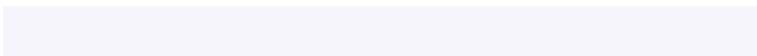
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3728, 91.7477, 96.2704



85.5219, 91.7477, 98.8499



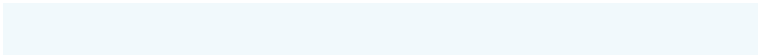
87.7328, 91.7477, 104.6959

Complementary

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



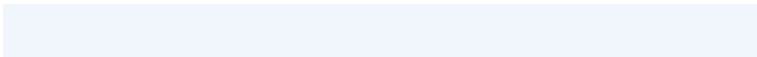
88.3728, 91.7477, 96.2704



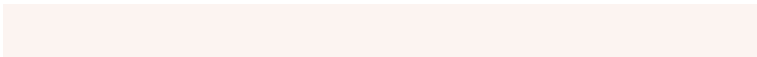
87.7220, 93.4791, 105.5166

Split Complementary

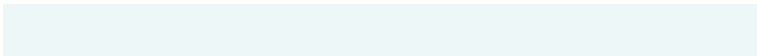
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8368, 91.7477, 104.8236



88.3728, 91.7477, 96.2704



85.5645, 91.7477, 101.4183

Square

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



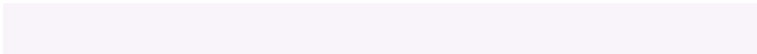
88.3728, 91.7477, 96.2704



85.9275, 91.7477, 96.6005



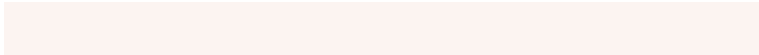
86.0444, 91.7477, 103.6149



88.4919, 91.7477, 103.2690

Rectangle

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



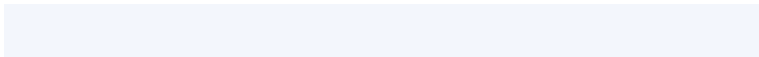
88.3728, 91.7477, 96.2704



86.9698, 91.7477, 95.0634



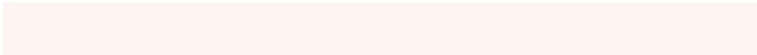
86.0444, 91.7477, 103.6149



87.4375, 91.7477, 104.8931

Sweetspot

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



88.3754, 91.7517, 96.2724



94.0536, 98.6599, 106.5559



88.7108, 90.4512, 102.4616



20.1419, 21.1314, 22.8321



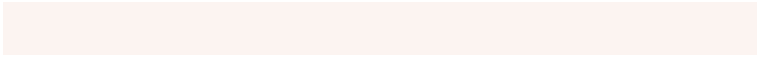
0.0000, 0.0000, 0.0000



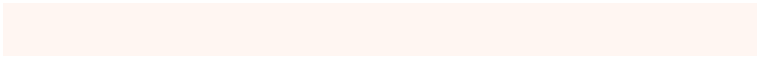
20.3446, 21.4041, 23.3091

Same Dimension

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



88.3754, 91.7517, 96.2724



90.1790, 93.4346, 97.4831



90.0332, 95.0673, 96.8250



18.3443, 18.9644, 19.6632



22.1194, 13.1954, 1.3811



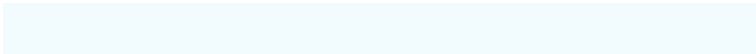
2.1329, 1.3906, 0.1560

Inverse Universe

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



87.7220, 93.4791, 105.5166



89.4130, 95.4598, 108.3208



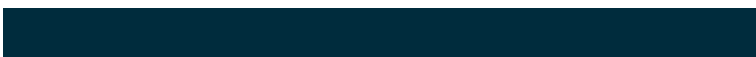
86.0681, 90.1713, 104.9653



18.1665, 19.4345, 22.1790



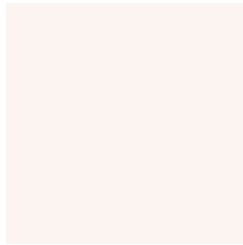
18.1215, 21.5986, 51.1874



1.7666, 2.1768, 4.7702

Previews

White Background



This preview shows how the XYZ color 88.3728, 91.7477, 96.2704 looks on a white background.

Color Contrast Check

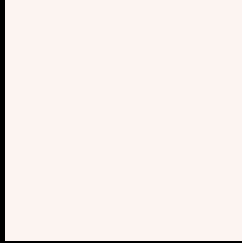
Large Text (above 18pt) WCAG AA × Fail

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 88.3728, 91.7477, 96.2704 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

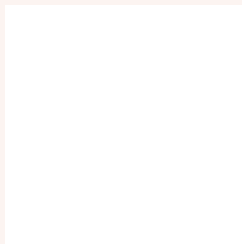
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3728, 91.7477, 96.2704

Background



This preview shows how black text looks on a background with the XYZ color 88.3728, 91.7477, 96.2704.



This preview shows how white text looks on a background with the XYZ color 88.3728, 91.7477,

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**

88.3728, 91.7477, 96.2704

Protanopia

88.0115, 91.5615, 96.2535

Deuteranopia

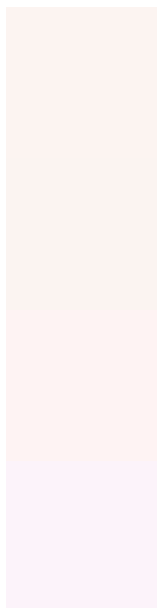
89.6197, 91.8928, 98.6016



Tritanopia

90.2455, 92.0166, 107.6123

Trichromacy



Original Color

88.3728, 91.7477, 96.2704

Protanomaly

88.0115, 91.5615, 96.2535

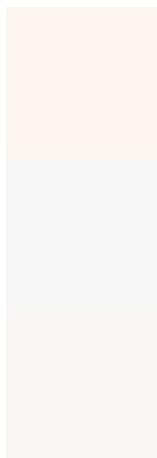
Deuteranomaly

89.1013, 91.6431, 97.7868

Tritanomaly

89.4508, 91.6988, 103.4275

Monochromacy



Original Color

88.3728, 91.7477, 96.2704

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.6929, 91.7929, 98.6838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3728, 91.7477, 96.2704 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, 241) looks like.

```
.text, #text, p{  
    color:rgb(252, 244, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 241) }
```

Border

The CSS property to change the border of an element to XYZ 88.3728, 91.7477, 96.2704 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, 241) }
```


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

```
.border{ border-color:rgb(252, 244, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3728, 91.7477, 96.2704 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, 241) }
```

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

```
.background{ background-color: rgb(252,  
244, 241) }
```

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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