

Converting Colors

XYZ(78.7140, 82.1707, 75.4642)

Have a look what the booklet for
XYZ(78.7140, 82.1707, 75.4642)
contains.

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Color

**XYZ(78.6504, 81.9807,
75.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E8D6
RGB	245, 232, 214
RGB Percent	96%, 91%, 84%
CMY	0.0392, 0.0902, 0.1608
CMYK	0.00, 0.05, 0.13, 0.04
HSL	35°, 61%, 90%
HSV	35°, 13%, 96%
XYZ	78.6504, 81.9807, 75.2969
YIQ	233.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

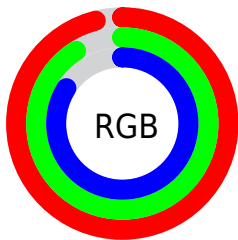
Format	Color
R _Y B	236, 245, 214
Decimal	16115926
CIE Lab	92.57, 1.46, 10.32
CIE LCh	93, 10.423, 81.963
Yxy	81.9807, 0.3334, 0.3475
Android (android.graphics.Color)	4294306006 (0xFFF5E8D6)
YUV	233.8350, -9.7787, 9.7917
Hunter-Lab	90.5432, -3.3965, 14.0739

Details

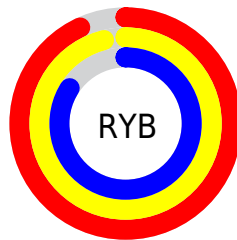
The XYZ color **78.6504, 81.9807, 75.2969** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.6819, 75.8255, 97.2448**, and the grayscale version is **78.1483, 82.2181, 89.5355**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7696, 44.3727, 39.1115** is the 20% darker color. If you saturate the color by 10%, you get **72.9474, 75.2106, 59.1025**, and if you desaturate by 10%, it is **84.9975, 89.2843, 94.0298**.

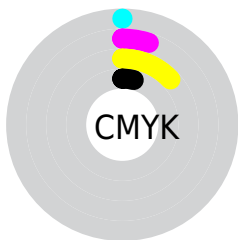
Distribution



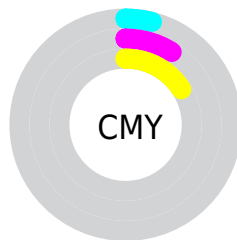
- Red (96%)
- Green (91%)
- Blue (84%)



- Red (93%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6504, 81.9807, 75.2969 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 78.6504, 81.9807, 75.2969 by changing the saturation by 10% instead.

78.6504, 81.9807,
75.2969

78.6504, 81.9807,
75.2969

479.1790,
501.5831, 498.2201

58.9131, 61.3496,
55.3530

130.4271,
136.1469, 128.4835

42.7892, 44.5074,
39.2839

163.1972,
170.4509, 162.5633

29.9136, 31.0696,
26.6711

201.0422,
210.0813, 202.1920

19.9207, 20.6518,
17.0961

244.3275,
255.4224, 247.7884

12.4454, 12.8698,
10.1404

293.4185,
306.8588, 299.7708

7.1221, 7.3389,
5.3853

348.6805,

3.5856, 3.6749,

364.7748, 358.5578

2.4124

410.4789,
429.5548, 424.5681

■ 1.4705, 1.4934,
0.7932

■ 0.3056, 0.2841,
0.0000

■ 78.6504, 81.9807,
75.2969

■ 78.6504, 81.9807,
75.2969

■ 72.9474, 75.2106,
59.1025

■ 84.9975, 89.2843,
94.0298

■ 67.8581, 68.9490,
45.3301

■ 90.6890, 96.5976,
108.4731

■ 63.3591, 63.1847,
33.8617

■ 91.4665, 98.1527,
108.7323

■ 59.4231, 57.9018,
24.5676

■ 56.0199, 53.0833,
17.3048

■ 53.1161, 48.7108,
11.9130

■ 50.6736, 44.7636,
8.2073

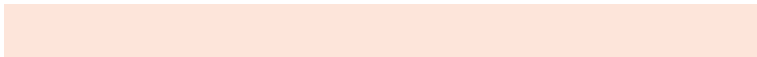
■ 48.6467, 41.2182,
5.9643

■ 47.3734, 38.8464,
5.0013

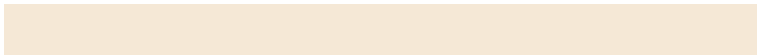
Harmonies

Analogous

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



81.1726, 81.9807, 78.0259



78.6504, 81.9807, 75.2969



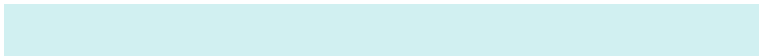
75.9890, 81.9807, 76.1354

Triad

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



78.6504, 81.9807, 75.2969



73.1904, 81.9807, 94.9572



82.0935, 81.9807, 98.7700

Complementary

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



78.6504, 81.9807, 75.2969



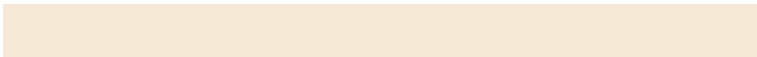
71.6819, 75.8255, 97.2448

Split Complementary

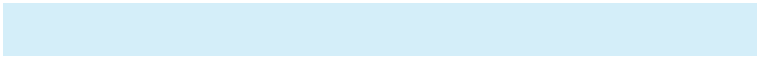
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8839, 81.9807, 103.8191



78.6504, 81.9807, 75.2969



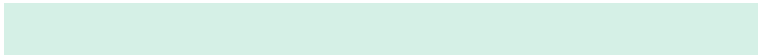
74.7558, 81.9807, 101.5304

Square

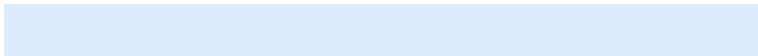
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6504, 81.9807, 75.2969



72.8774, 81.9807, 87.1945



77.1945, 81.9807, 104.8574



83.1904, 81.9807, 91.3641

Rectangle

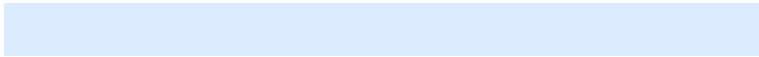
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.6504, 81.9807, 75.2969



74.4903, 81.9807, 78.6278



77.1945, 81.9807, 104.8574



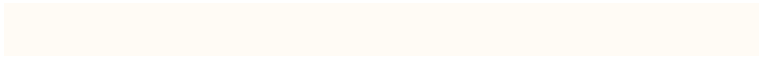
81.4538, 81.9807, 100.8165

Sweetspot

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



78.6526, 81.9843, 75.2986



92.1019, 96.6624, 100.0296



75.6288, 73.0768, 83.1072



19.5977, 20.5577, 21.0645



0.0000, 0.0000, 0.0000



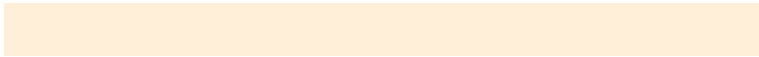
20.3446, 21.4041, 23.3091

Same Dimension

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



78.6526, 81.9843, 75.2986



84.5882, 87.9694, 77.9968



81.7301, 89.2036, 76.5299



17.2987, 18.0814, 17.3759



25.6608, 21.2072, 2.7409



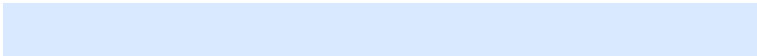
2.3568, 2.0668, 0.2747

Inverse Universe

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



71.6819, 75.8255, 97.2448



75.6690, 80.0894, 106.0784



68.8677, 69.2960, 96.1328



16.1520, 17.0683, 20.9858



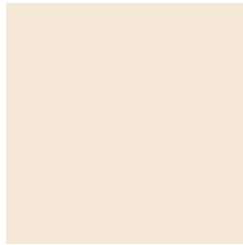
11.6058, 9.0054, 47.6645



1.1192, 0.9899, 4.2223

Previews

White Background



This preview shows how the XYZ color 78.6504, 81.9807, 75.2969 looks on a white background.

Color Contrast Check

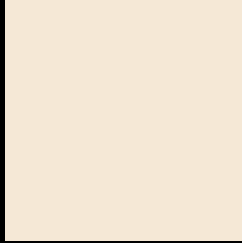
Large Text (above 18pt) WCAG AA × Fail

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 78.6504, 81.9807, 75.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

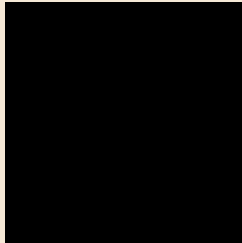
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6504, 81.9807, 75.2969

Background



This preview shows how black text looks on a background with the XYZ color 78.6504, 81.9807, 75.2969.



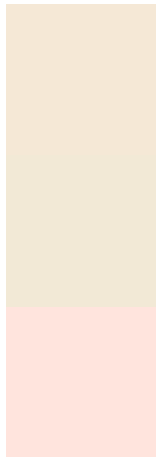
This preview shows how white text looks on a background with the XYZ color 78.6504, 81.9807,

75.2969.

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

78.6504, 81.9807, 75.2969

Protanopia

77.8945, 82.0101, 75.3424

Deuteranopia

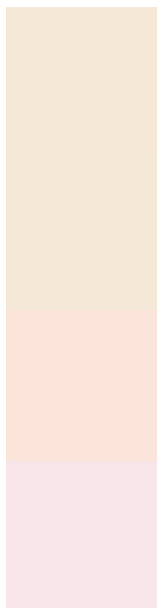
82.0345, 81.9673, 79.9042



Tritanopia

83.0174, 81.6705, 97.7747

Trichromacy



Original Color

78.6504, 81.9807, 75.2969

Protanomaly

78.2387, 82.1876, 75.3585

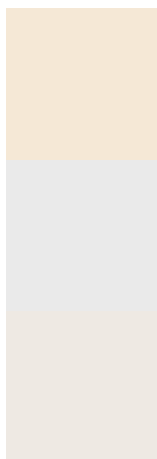
Deuteranomaly

80.4579, 81.6098, 77.8413

Tritanomaly

81.5820, 81.9356, 89.3572

Monochromacy



Original Color

78.6504, 81.9807, 75.2969

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2639, 82.0010, 84.3759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6504, 81.9807, 75.2969 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(245, 232, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 214)  
}
```

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(245, 232, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.6504, 81.9807, 75.2969 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(245, 232, 214) }
```


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

```
.border{ border-color:rgb(245, 232, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6504, 81.9807, 75.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 214) }
```

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

```
.background{ background-color: rgb(245,  
232, 214) }
```

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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