

Converting Colors

XYZ(78.1506, 81.0921, 66.1774)

Have a look what the booklet for
XYZ(78.1506, 81.0921, 66.1774)
contains.

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Color

**XYZ(78.1465, 81.0878,
66.1763)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FAE6C8 |
| RGB | 250, 230, 200 |
| RGB Percent | 98%, 90%, 78% |
| CMY | 0.0196, 0.0980, 0.2157 |
| CMYK | 0.00, 0.08, 0.20, 0.02 |
| HSL | 36°, 83%, 88% |
| HSV | 36°, 20%, 98% |
| XYZ | 78.1465, 81.0878, 66.1763 |
| YIQ | 232.5600, 21.5500, -5.0900 |

Conversions

Conversions Part 2

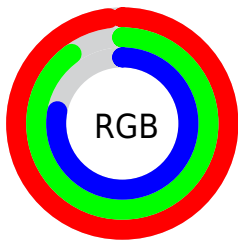
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 233, 250, 200 |
| Decimal | 16443080 |
| CIE _{Lab} | 92.17, 2.16, 17.09 |
| CIE _{LCh} | 92, 17.225, 82.804 |
| Yxy | 81.0878, 0.3467, 0.3597 |
| Android (android.graphics.Color) | 4294633160 (0xFFFAE6C8) |
| YUV | 232.5600, -16.0521, 15.2949 |
| Hunter-Lab | 90.0488, -2.6787, 19.4623 |

Details

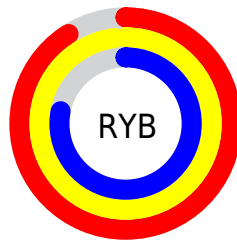
The XYZ color **78.1465, 81.0878, 66.1763** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.6675, 70.3661, 100.5113**, and the grayscale version is **77.2287, 81.2506, 88.4819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5106, 44.0727, 33.4605** is the 20% darker color. If you saturate the color by 10%, you get **72.7581, 74.6104, 51.1248**, and if you desaturate by 10%, it is **84.1766, 88.0828, 83.8006**.

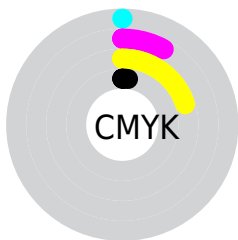
Distribution



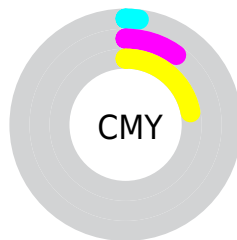
- Red (98%)
- Green (90%)
- Blue (78%)



- Red (91%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1465, 81.0878, 66.1763 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 78.1465, 81.0878, 66.1763 by changing the saturation by 10% instead.

 78.1465, 81.0878,
66.1763

 78.1465, 81.0878,
66.1763


477.4964,
498.5913, 465.4285

 58.4975, 60.6139,
47.9581


129.7209,
134.8940, 115.3687

 42.4536, 43.9137,
33.4340


162.3770,
168.9952, 147.1801

 29.6493, 30.6026,
22.1853


200.0996,
208.4075, 184.3597

 19.7193, 20.2965,
13.7935


243.2540,
253.5155, 227.3259

 12.2982, 12.6107,
7.8401

292.2055,
304.7035, 276.4973

 7.0208, 7.1610,
3.9065

347.3195,

 3.5215, 3.5630,

362.3558, 332.2926

1.5742

408.9613,
426.8570, 395.1301

■ 1.4352, 1.4323,
0.2723

■ 0.2811, 0.2403,
0.0000

■ 78.1465, 81.0878,
66.1763

■ 78.1465, 81.0878,
66.1763

■ 72.7581, 74.6104,
51.1248

■ 84.1766, 88.0828,
83.8006

■ 67.9791, 68.6250,
38.5179

■ 90.8661, 95.5983,
104.1072

■ 63.7838, 63.1198,
28.2241

■ 93.2346, 99.0641,
108.8150

■ 60.1419, 58.0783,
20.0974

■ 57.0197, 53.4823,
13.9747

■ 54.3791, 49.3120,
9.6698

■ 52.1750, 45.5443,
6.9608

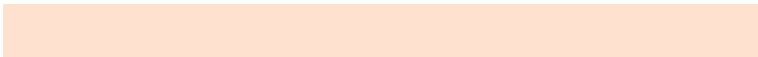
■ 50.3352, 42.1453,
5.4819

■ 50.3351, 42.1452,
5.4819

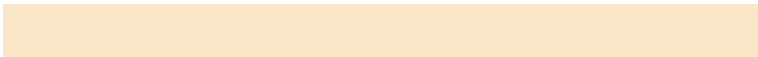
Harmonies

Analogous

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



82.3517, 81.0878, 70.2026



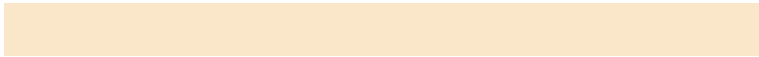
78.1465, 81.0878, 66.1763



73.8081, 81.0878, 67.6052

Triad

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



78.1465, 81.0878, 66.1763



69.4624, 81.0878, 98.1156



84.0779, 81.0878, 103.9211

Complementary

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



78.1465, 81.0878, 66.1763



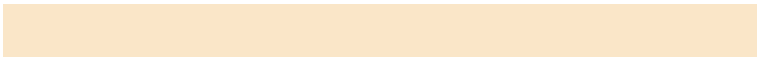
66.6675, 70.3661, 100.5113

Split Complementary

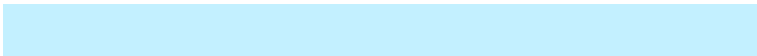
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4298, 81.0878, 112.8164



78.1465, 81.0878, 66.1763



72.0220, 81.0878, 109.2463

Square

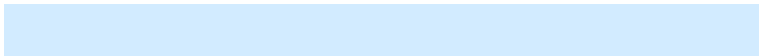
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1465, 81.0878, 66.1763



68.9038, 81.0878, 85.2617



76.0064, 81.0878, 114.8532



85.8605, 81.0878, 91.3909

Rectangle

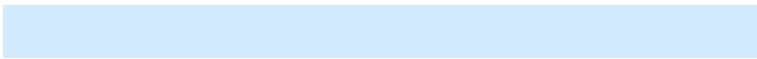
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1465, 81.0878, 66.1763



71.4119, 81.0878, 71.5313



76.0064, 81.0878, 114.8532



83.0225, 81.0878, 107.4828

Sweetspot

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



78.1487, 81.0914, 66.1780



90.7627, 95.2116, 95.7986



72.9977, 66.8009, 76.7575



19.3304, 20.2702, 20.2130



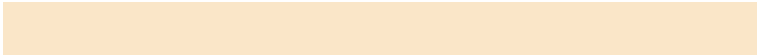
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



78.1487, 81.0914, 66.1780



79.3987, 82.0331, 62.5705



82.2678, 91.9544, 68.0577



18.1110, 18.9579, 18.1671



26.8438, 22.6443, 2.9560



2.5899, 2.3046, 0.3083

Inverse Universe

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



66.6675, 70.3661, 100.5113



65.3893, 68.9478, 104.4696



63.0874, 61.1909, 98.9290



16.8527, 17.7822, 21.9294



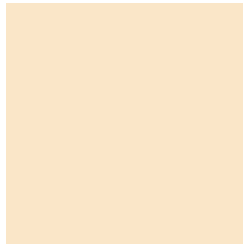
11.7002, 8.7560, 49.0470



1.1842, 1.0121, 4.5761

Previews

White Background



This preview shows how the XYZ color 78.1465, 81.0878, 66.1763 looks on a white background.

Color Contrast Check

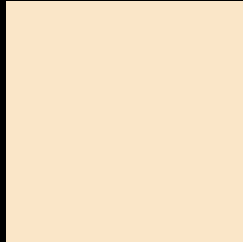
Large Text (above 18pt) WCAG AA × Fail

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 78.1465, 81.0878, 66.1763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

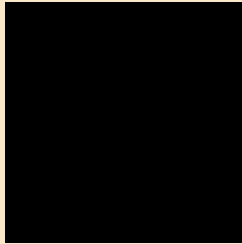
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

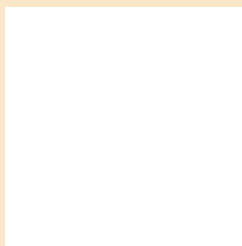
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1465, 81.0878, 66.1763

Background



This preview shows how black text looks on a background with the XYZ color 78.1465, 81.0878, 66.1763.

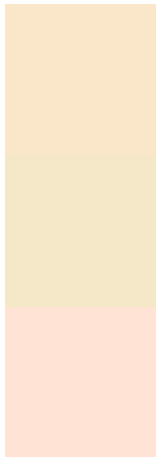


This preview shows how white text looks on a background with the XYZ color 78.1465, 81.0878,

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

78.1465, 81.0878, 66.1763

Protanopia

76.7075, 81.1634, 66.8815

Deuteranopia

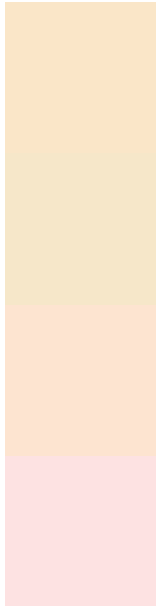
80.7193, 81.0023, 74.3314



Tritanopia

83.7728, 80.9222, 94.4233

Trichromacy



Original Color

78.1465, 81.0878, 66.1763

Protanomaly

77.1246, 80.9617, 66.8206

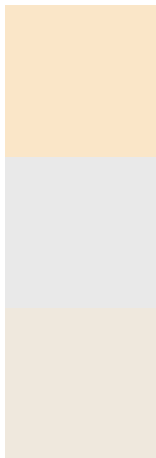
Deuteranomaly

79.6366, 80.9235, 71.0970

Tritanomaly

81.4318, 80.7663, 83.2490

Monochromacy



Original Color

78.1465, 81.0878, 66.1763

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5044, 81.2844, 80.0112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1465, 81.0878, 66.1763 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(250, 230, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 200)  
}
```

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(250, 230, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 200) }
```

Border

The CSS property to change the border of an element to XYZ 78.1465, 81.0878, 66.1763 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(250, 230, 200) }
```


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

```
.border{ border-color:rgb(250, 230, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1465, 81.0878, 66.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 200) }
```

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

```
.background{ background-color: rgb(250,  
230, 200) }
```

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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