

Converting Colors

XYZ(78.0123, 78.5023, 70.2450)

Have a look what the booklet for
XYZ(78.0123, 78.5023, 70.2450)
contains.

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Color

**XYZ(78.0630, 78.5117,
70.0714)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCE0CF |
| RGB | 252, 224, 207 |
| RGB Percent | 99%, 88%, 81% |
| CMY | 0.0118, 0.1215, 0.1882 |
| CMYK | 0.00, 0.11, 0.18, 0.01 |
| HSL | 23°, 88%, 90% |
| HSV | 23°, 18%, 99% |
| XYZ | 78.0630, 78.5117, 70.0714 |
| YIQ | 230.4340, 22.1450, 0.6490 |

Conversions

Conversions Part 2

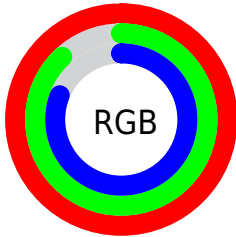
| Format | Color |
|-------------------------------------|---|
| R_{YB} | 252, 234, 207 |
| Decimal | 16572623 |
| CIE _{Lab} | 91.01, 6.98, 11.83 |
| CIE _{LCh} | 91, 13.739, 59.458 |
| Yxy | 78.5117, 0.3444, 0.3464 |
| Android (android.graphics.Color) | 4294762703 (0xFFFC _{E0CF}) |
| YUV | 230.4340, -11.5530, 18.9134 |
| Hunter-Lab | 88.6068, 2.1973, 15.1375 |

Details

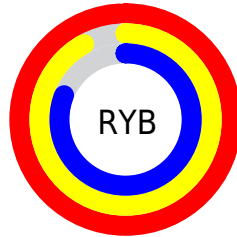
The XYZ color **78.0630, 78.5117, 70.0714** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0107, 79.7086, 103.6333**, and the grayscale version is **75.6085, 79.5460, 86.6256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4434, 42.2779, 36.0604** is the 20% darker color. If you saturate the color by 10%, you get **71.2042, 69.3370, 53.7791**, and if you desaturate by 10%, it is **85.8063, 88.6672, 89.0863**.

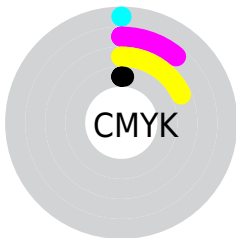
Distribution



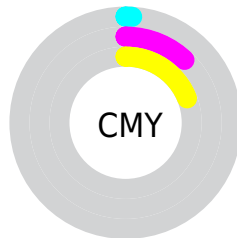
- Red (99%)
- Green (88%)
- Blue (81%)



- Red (99%)
- Yellow (92%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0630, 78.5117, 70.0714 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 78.0630, 78.5117, 70.0714 by changing the saturation by 10% instead.


 78.0630, 78.5117,
70.0714

 78.0630, 78.5117,
70.0714


477.2173,
489.9029, 479.5966

 58.4287, 58.4944,
51.1076


129.6038,
131.2712, 120.9926

 42.3980, 42.2063,
35.9169


162.2411,
164.7822, 153.7871

 29.6055, 29.2628,
24.0808


199.9433,
203.5599, 192.0290

 19.6859, 19.2797,
15.1808

243.0759,
247.9888, 236.1366

 12.2739, 11.8726,
8.7984

292.0043,
298.4531, 286.5287

 7.0040, 6.6570,
4.5149

347.0937,

 3.5110, 3.2485,

355.3373, 343.6236

1.9119

408.7096,
419.0257, 407.8401

■ 1.4294, 1.2628,
0.5003

■ 0.2770, 0.1121,
0.0000

■ 78.0630, 78.5117,
70.0714

■ 78.0630, 78.5117,
70.0714

■ 71.2042, 69.3370,
53.7791

■ 85.8063, 88.6672,
89.0863

■ 65.1899, 61.1022,
40.0783

■ 93.9551, 99.4356,
108.8488

■ 59.9861, 53.7791,
28.8345

■ 55.5539, 47.3339,
19.8990

■ 51.8507, 41.7302,
13.1067

■ 48.8290, 36.9289,
8.2704

■ 46.4344, 32.8867,
5.1694

■ 44.5975, 29.5530,
3.5088

■ 44.2578, 28.9209,
3.2496

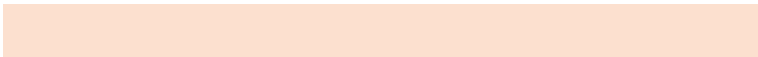
Harmonies

Analogous

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



80.5807, 78.5117, 76.4345



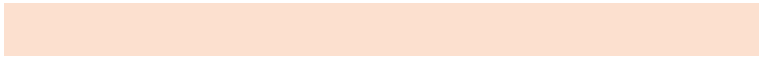
78.0630, 78.5117, 70.0714



74.6862, 78.5117, 67.7771

Triad

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



78.0630, 78.5117, 70.0714



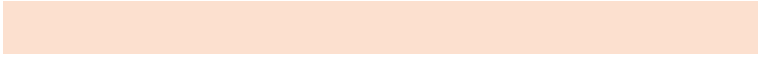
68.1521, 78.5117, 85.3052



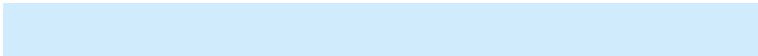
77.9504, 78.5117, 103.2147

Complementary

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



78.0630, 78.5117, 70.0714



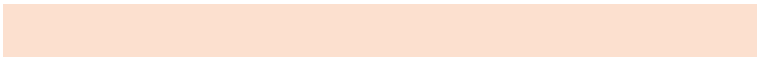
73.0107, 79.7086, 103.6333

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.



74.5599, 78.5117, 106.0383



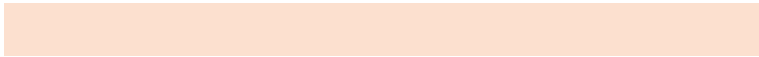
78.0630, 78.5117, 70.0714



68.9665, 78.5117, 95.2251

Square

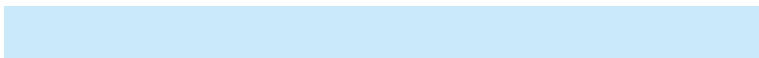
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0630, 78.5117, 70.0714



69.0264, 78.5117, 76.1442



71.2856, 78.5117, 103.0098



80.5143, 78.5117, 95.5620

Rectangle

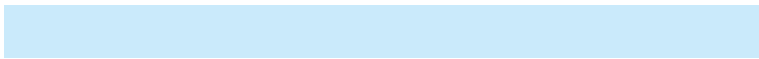
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0630, 78.5117, 70.0714



72.4239, 78.5117, 68.7149



71.2856, 78.5117, 103.0098



76.8662, 78.5117, 104.7852

Sweetspot

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



78.0651, 78.5152, 70.0731



90.5862, 94.2490, 97.6189



77.5263, 71.3492, 88.6631



19.2590, 20.0046, 20.5678



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.



78.0651, 78.5152, 70.0731



77.8735, 77.5740, 66.4052



84.3639, 91.1127, 72.1726



17.7821, 18.3000, 18.0574



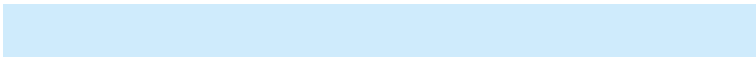
23.1847, 15.3260, 1.7363



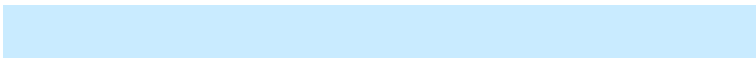
2.2457, 1.6163, 0.1936

Inverse Universe

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



73.0107, 79.7086, 103.6333



71.8995, 78.9818, 106.0632



67.0981, 67.8833, 101.6624



17.1826, 18.4420, 22.0393



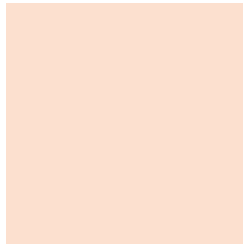
15.5600, 16.4756, 50.3336



1.5432, 1.7300, 4.6958

Previews

White Background



This preview shows how the XYZ color 78.0630, 78.5117, 70.0714 looks on a white background.

Color Contrast Check

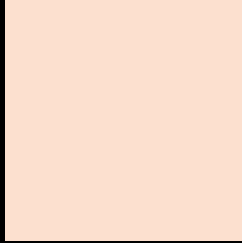
Large Text (above 18pt) WCAG AA × Fail

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 78.0630, 78.5117, 70.0714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

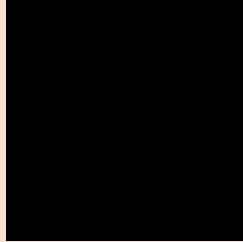
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0630, 78.5117, 70.0714

Background



This preview shows how black text looks on a background with the XYZ color 78.0630, 78.5117, 70.0714.



This preview shows how white text looks on a background with the XYZ color 78.0630, 78.5117,

70.0714.

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

78.0630, 78.5117, 70.0714

Protanopia

74.7878, 78.8192, 71.5935

Deuteranopia

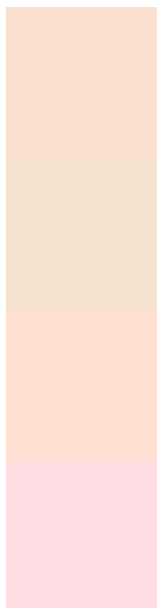
79.3855, 78.7385, 72.6420



Tritanopia

82.1193, 78.5608, 90.9564

Trichromacy



Original Color

78.0630, 78.5117, 70.0714

Protanomaly

75.8164, 78.5469, 70.8396

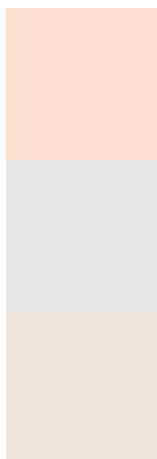
Deuteranomaly

78.8936, 78.4993, 71.9665

Tritanomaly

80.4570, 78.2747, 82.8195

Monochromacy



Original Color

78.0630, 78.5117, 70.0714

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.1881, 78.9379, 80.3282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0630, 78.5117, 70.0714 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, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 224, 207)  
}
```

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, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 224, 207) }
```

Border

The CSS property to change the border of an element to XYZ 78.0630, 78.5117, 70.0714 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, 224, 207) }
```


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

```
.border{ border-color:rgb(252, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 224,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0630, 78.5117, 70.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 224, 207) }
```

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

```
.background{ background-color: rgb(252,  
224, 207) }
```

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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