

Converting Colors

XYZ(78.4002, 78.6274, 66.5808)

Have a look what the booklet for XYZ(78.4002, 78.6274, 66.5808) contains.

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Color

**XYZ(78.4383, 78.7884,
66.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C9
RGB	255, 224, 201
RGB Percent	100%, 88%, 79%
CMY	0.0000, 0.1215, 0.2118
CMYK	0.00, 0.12, 0.21, 0.00
HSL	26°, 100%, 89%
HSV	26°, 21%, 100%
XYZ	78.4383, 78.7884, 66.3319
YIQ	230.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

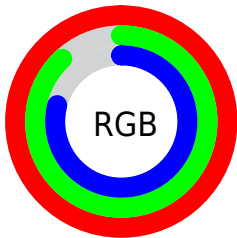
Format	Color
R_{YB}	255, 241, 201
Decimal	16769225
CIE _{Lab}	91.14, 7.19, 15.18
CIE _{LCh}	91, 16.794, 64.652
Yxy	78.7884, 0.3509, 0.3524
Android (android.graphics.Color)	4294959305 (0xFFFFE0C9)
YUV	230.6470, -14.6160, 21.3576
Hunter-Lab	88.7628, 2.4027, 17.8269

Details

The XYZ color **78.4383, 78.7884, 66.3319** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9932, 77.3484, 105.7957**, and the grayscale version is **75.7866, 79.7334, 86.8297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7431, 42.4883, 33.5520** is the 20% darker color. If you saturate the color by 10%, you get **71.9186, 70.1576, 50.5676**, and if you desaturate by 10%, it is **85.7984, 88.3026, 84.8351**.

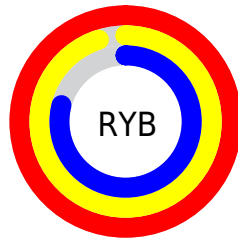
Distribution



Red (100%)

Green (88%)

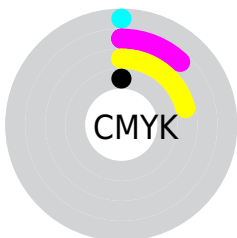
Blue (79%)



Red (100%)

Yellow (95%)

Blue (79%)

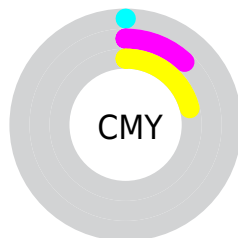


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4383, 78.7884, 66.3319 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 78.4383, 78.7884, 66.3319 by changing the saturation by 10% instead.


 78.4383, 78.7884,
66.3319

 78.4383, 78.7884,
66.3319


478.4711,
490.8402, 465.9995

 58.7381, 58.7219,
48.0837


130.1299,
131.6609, 115.5941

 42.6479, 42.3893,
33.5327


162.8521,
165.2357, 147.4452

 29.8023, 29.4062,
22.2604


200.6456,
204.0820, 184.6677

 19.8359, 19.3883,
13.8482

243.8758,
248.5842, 227.6800

 12.3834, 11.9512,
7.8776

292.9081,
299.1268, 276.9009

 7.0794, 6.7105,
3.9301

348.1079,

 3.5586, 3.2817,

356.0940, 332.7487

1.5871

409.8404,
419.8704, 395.6421

■ 1.4556, 1.2805,
0.2816

■ 0.2953, 0.1260,
0.0000

■ 78.4383, 78.7884,
66.3319

■ 78.4383, 78.7884,
66.3319

■ 71.9186, 70.1576,
50.5676

■ 85.7984, 88.3026,
84.8351

■ 66.2006, 62.3730,
37.4050

■ 94.0244, 98.7153,
106.1953

■ 61.2508, 55.4097,
26.7025

95.0500, 100.0000,
108.9000

■ 57.0306, 49.2377,
18.3028

■ 53.4977, 43.8245,
12.0302

■ 50.6042, 39.1348,
7.6831

■ 48.2943, 35.1291,
5.0199

■ 46.6699, 32.1198,
3.7400

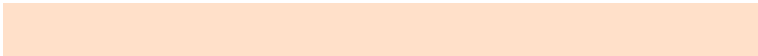
Harmonies

Analogous

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



81.8096, 78.7884, 73.1593



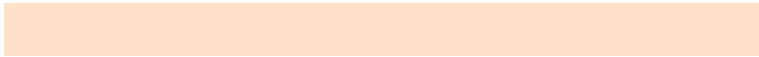
78.4383, 78.7884, 66.3319



74.2253, 78.7884, 64.5160

Triad

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



78.4383, 78.7884, 66.3319



67.0348, 78.7884, 87.6989



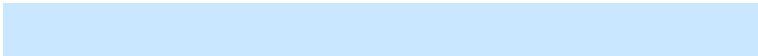
79.6280, 78.7884, 106.5097

Complementary

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



78.4383, 78.7884, 66.3319



70.9932, 77.3484, 105.7957

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.



75.5506, 78.7884, 111.2846



78.4383, 78.7884, 66.3319



68.3645, 78.7884, 99.7904

Square

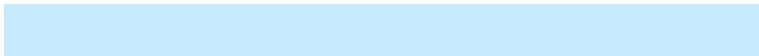
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4383, 78.7884, 66.3319



67.7428, 78.7884, 76.1552



71.4426, 78.7884, 108.7170



82.5145, 78.7884, 96.1988

Rectangle

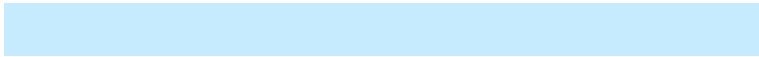
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4383, 78.7884, 66.3319



71.5298, 78.7884, 66.2308



71.4426, 78.7884, 108.7170



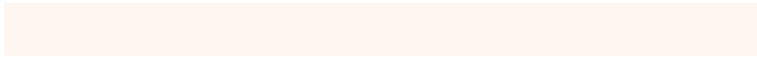
78.3456, 78.7884, 108.8576

Sweetspot

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



78.4402, 78.7918, 66.3335



89.9458, 93.5778, 95.5263



76.7638, 68.8888, 85.9684



19.1373, 19.8841, 20.1486



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.



78.4402, 78.7918, 66.3335



75.8491, 75.3878, 59.9882



86.1241, 94.1596, 68.8948



18.6456, 19.2593, 18.8790



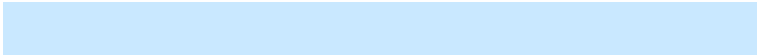
24.5268, 17.0648, 2.0011



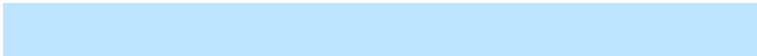
2.4937, 1.8728, 0.2301

Inverse Universe

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



70.9932, 77.3484, 105.7957



67.2985, 73.7281, 105.2917



64.0894, 63.5408, 103.4945



17.8687, 19.1091, 22.9966



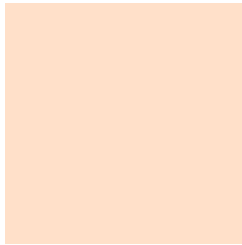
14.9830, 14.8755, 51.5162



1.5672, 1.6651, 5.0521

Previews

White Background



This preview shows how the XYZ color 78.4383, 78.7884, 66.3319 looks on a white background.

Color Contrast Check

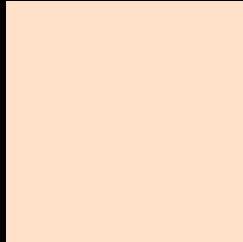
Large Text (above 18pt) WCAG AA × Fail

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 78.4383, 78.7884, 66.3319 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 78.4383, 78.7884, 66.3319

Background



This preview shows how black text looks on a background with the XYZ color 78.4383, 78.7884, 66.3319.

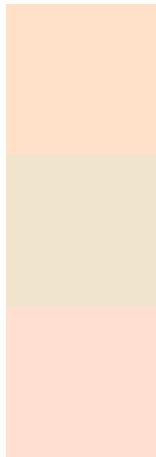


This preview shows how white text looks on a background with the XYZ color 78.4383, 78.7884,

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

78.4383, 78.7884, 66.3319

Protanopia

74.8536, 78.9235, 68.4153

Deuteranopia

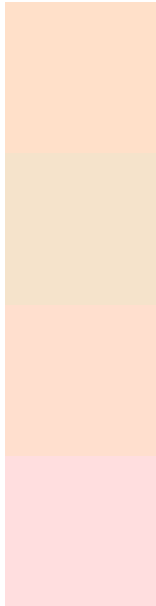
79.1363, 78.6388, 71.3295



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

78.4383, 78.7884, 66.3319

Protanomaly

75.9048, 78.6624, 67.6827

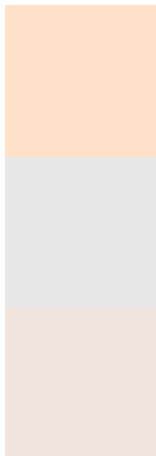
Deuteranomaly

78.7683, 78.4916, 69.3914

Tritanomaly

80.6806, 78.8303, 80.7755

Monochromacy



Original Color

78.4383, 78.7884, 66.3319

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5969, 79.1794, 78.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4383, 78.7884, 66.3319 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(255, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 201)  
}
```

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(255, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 78.4383, 78.7884, 66.3319 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(255, 224, 201) }
```


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

```
.border{ border-color:rgb(255, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4383, 78.7884, 66.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 201) }
```

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

```
.background{ background-color: rgb(255,  
224, 201) }
```

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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