

Converting Colors

XYZ(87.8829, 83.6874, 64.9073)

Have a look what the booklet for
XYZ(87.8829, 83.6874, 64.9073)
contains.

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Color

**XYZ(78.0887, 78.6485,
64.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C6
RGB	255, 224, 198
RGB Percent	100%, 88%, 78%
CMY	0.0000, 0.1215, 0.2235
CMYK	0.00, 0.12, 0.22, 0.00
HSL	27°, 100%, 89%
HSV	27°, 22%, 100%
XYZ	78.0887, 78.6485, 64.4910
YIQ	230.3050, 26.8220, -1.5140

Conversions

Conversions Part 2

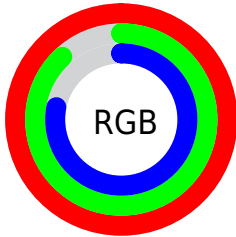
Format	Color
R _Y B	255, 246, 198
Decimal	16769222
CIE Lab	91.08, 6.77, 16.65
CIE LCh	91, 17.973, 67.888
Yxy	78.6485, 0.3530, 0.3555
Android (android.graphics.Color)	4294959302 (0xFFFFE0C6)
YUV	230.3050, -15.9264, 21.6575
Hunter-Lab	88.6840, 1.9772, 18.9631

Details

The XYZ color **78.0887, 78.6485, 64.4910** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3572, 75.2621, 105.4793**, and the grayscale version is **75.5416, 79.4757, 86.5490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5107, 42.3953, 32.3281** is the 20% darker color. If you saturate the color by 10%, you get **71.8159, 70.4203, 49.0902**, and if you desaturate by 10%, it is **85.1644, 87.6895, 82.6043**.

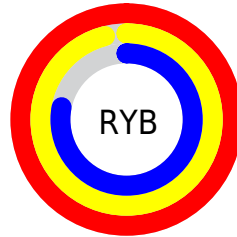
Distribution



Red (100%)

Green (88%)

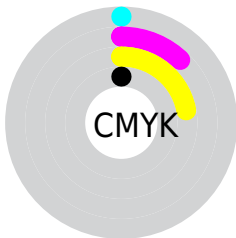
Blue (78%)



Red (100%)

Yellow (96%)

Blue (78%)

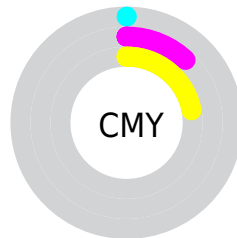


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0887, 78.6485, 64.4910 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 78.0887, 78.6485, 64.4910 by changing the saturation by 10% instead.


 78.0887, 78.6485,
64.4910

 78.0887, 78.6485,
64.4910


477.3032,
490.3664, 459.2166

 58.4499, 58.6069,
46.5997


129.6399,
131.4639, 112.9240

 42.4151, 42.2967,
32.3673


162.2829,
165.0065, 144.3029

 29.6190, 29.3337,
21.3750


199.9914,
203.8181, 181.0146

 19.6962, 19.3334,
13.2045

243.1307,
248.2832, 223.4779

 12.2814, 11.9114,
7.4371

292.0662,
298.7862, 272.1112

 7.0092, 6.6834,
3.6544

347.1632,

 3.5142, 3.2649,

355.7115, 327.3331

1.4377

408.7871,
419.4434, 389.5620

■ 1.4312, 1.2715,
0.1709

■ 0.2783, 0.1190,
0.0000

■ 78.0887, 78.6485,
64.4910

■ 78.0887, 78.6485,
64.4910

■ 71.8159, 70.4203,
49.0902

■ 85.1644, 87.6895,
82.6043

■ 66.3084, 62.9703,
36.2641

■ 93.0674, 97.5562,
103.5490

■ 61.5337, 56.2761,
25.8701

95.0500, 100.0000,
108.9000

■ 57.4543, 50.3104,
17.7494

■ 54.0289, 45.0435,
11.7244

■ 51.2106, 40.4432,
7.5900

■ 48.9440, 36.4730,
5.0992

■ 47.5246, 33.8292,
4.0249

Harmonies

Analogous

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



81.8592, 78.6485, 71.1755



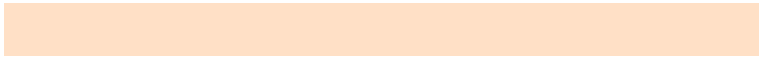
78.0887, 78.6485, 64.4910



73.5610, 78.6485, 63.1733

Triad

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



78.0887, 78.6485, 64.4910



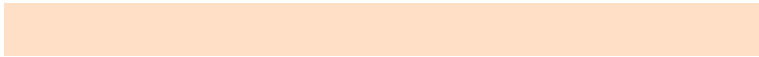
66.4321, 78.6485, 89.1132



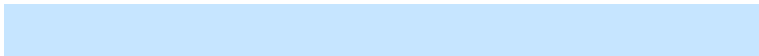
80.2454, 78.6485, 106.9288

Complementary

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



78.0887, 78.6485, 64.4910



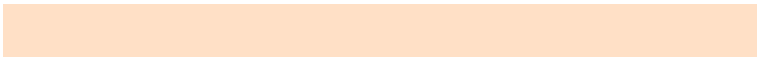
69.3572, 75.2621, 105.4793

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.



75.9579, 78.6485, 112.8744



78.0887, 78.6485, 64.4910



68.0706, 78.6485, 101.9308

Square

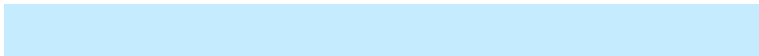
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0887, 78.6485, 64.4910



66.9508, 78.6485, 76.5612



71.5137, 78.6485, 110.9584



83.1390, 78.6485, 95.3985

Rectangle

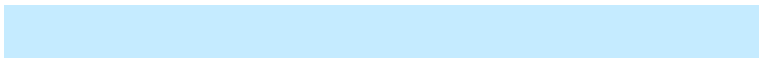
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0887, 78.6485, 64.4910



70.7422, 78.6485, 65.3766



71.5137, 78.6485, 110.9584



78.9127, 78.6485, 109.6973

Sweetspot

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



78.0906, 78.6519, 64.4926



89.2893, 92.8659, 93.4546



75.6264, 67.3257, 83.3950



19.0094, 19.7496, 19.7324



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.



78.0906, 78.6519, 64.4926



75.0768, 74.7273, 57.0049



86.2908, 95.0524, 67.2260



18.6921, 19.3523, 18.8945



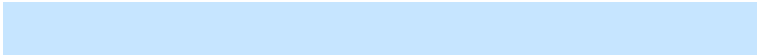
24.9776, 17.9665, 2.1514



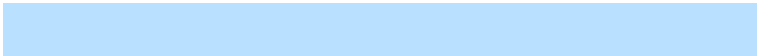
2.5396, 1.9645, 0.2453

Inverse Universe

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



69.3572, 75.2621, 105.4793



64.8813, 70.7682, 104.8478



62.1912, 60.9301, 103.0906



17.8215, 19.0146, 22.9808



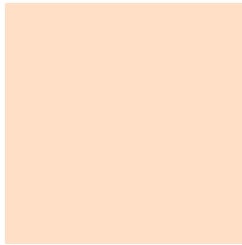
14.3814, 13.6723, 51.3156



1.5095, 1.5498, 5.0328

Previews

White Background



This preview shows how the XYZ color 78.0887, 78.6485, 64.4910 looks on a white background.

Color Contrast Check

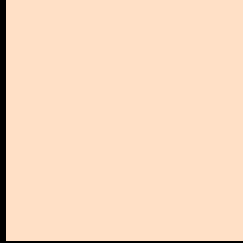
Large Text (above 18pt) WCAG AA × Fail

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 78.0887, 78.6485, 64.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

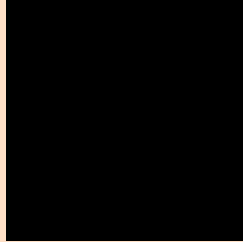
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0887, 78.6485, 64.4910

Background



This preview shows how black text looks on a background with the XYZ color 78.0887, 78.6485, 64.4910.



This preview shows how white text looks on a background with the XYZ color 78.0887, 78.6485,

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

78.0887, 78.6485, 64.4910

Protanopia

74.3798, 78.7340, 65.9205

Deuteranopia

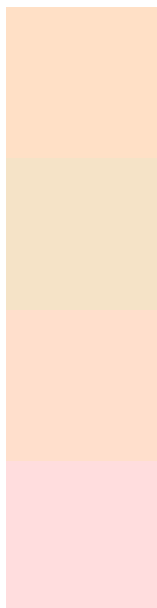
78.8902, 78.5403, 70.0333



Tritanopia

81.8286, 78.4446, 89.4257

Trichromacy



Original Color

78.0887, 78.6485, 64.4910

Protanomaly

75.4341, 78.4742, 65.2041

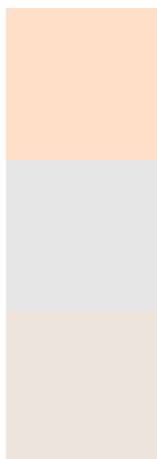
Deuteranomaly

78.5268, 78.3950, 68.1197

Tritanomaly

80.2813, 78.2468, 79.9791

Monochromacy



Original Color

78.0887, 78.6485, 64.4910

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9949, 78.8995, 77.5534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0887, 78.6485, 64.4910 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 198) }
```

Border

The CSS property to change the border of an element to XYZ 78.0887, 78.6485, 64.4910 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, 198) }
```


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

```
.border{ border-color:rgb(255, 224, 198) }
```

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, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0887, 78.6485, 64.4910 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
224, 198) }
```

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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