

Converting Colors

XYZ(79.0529, 80.1294, 67.0723)

Have a look what the booklet for
XYZ(79.0529, 80.1294, 67.0723)
contains.

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Color

**XYZ(79.3698, 80.4624,
67.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3CA
RGB	255, 227, 202
RGB Percent	100%, 89%, 79%
CMY	0.0000, 0.1098, 0.2078
CMYK	0.00, 0.11, 0.21, 0.00
HSL	28°, 100%, 90%
HSV	28°, 21%, 100%
XYZ	79.3698, 80.4624, 67.2247
YIQ	232.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

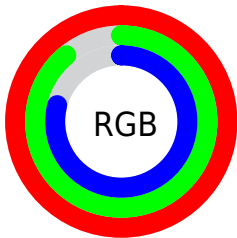
Format	Color
R _{YB}	255, 249, 202
Decimal	16769994
CIE _{Lab}	91.89, 5.79, 15.72
CIE _{LCh}	92, 16.751, 69.775
Y _{xy}	80.4624, 0.3496, 0.3544
Android (android.graphics.Color)	4294960074 (0xFFFFE3CA)
Y _{UV}	232.5220, -15.0473, 19.7132
Hunter-Lab	89.7008, 0.9653, 18.3567

Details

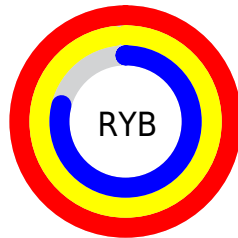
The XYZ color **79.3698, 80.4624, 67.2247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7032, 76.3680, 105.6218**, and the grayscale version is **77.1909, 81.2109, 88.4386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3865, 43.6489, 34.1553** is the 20% darker color. If you saturate the color by 10%, you get **73.0558, 72.2735, 51.4348**, and if you desaturate by 10%, it is **86.4747, 89.4342, 85.7415**.

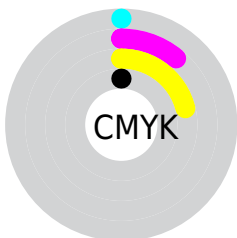
Distribution



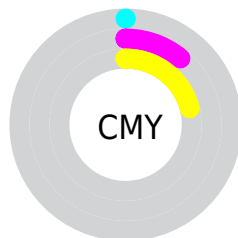
- Red (100%)
- Green (89%)
- Blue (79%)



- Red (100%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3698, 80.4624, 67.2247 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 79.3698, 80.4624, 67.2247 by changing the saturation by 10% instead.


 79.3698, 80.4624,
67.2247

 79.3698, 80.4624,
67.2247


481.5754,
496.4898, 469.2674

 59.5066, 60.0989,
48.8045


131.4345,
134.0156, 116.8860

 43.2690, 43.4984,
34.0999


164.3667,
167.9742, 148.9642

 30.2917, 30.2763,
22.6924


202.3860,
207.2333, 186.4322

 20.2092, 20.0484,
14.1634

245.8577,
252.1772, 229.7085

 12.6564, 12.4303,
8.0943

295.1471,
303.1905, 279.2116

 7.2677, 7.0374,
4.0667

350.6196,

 3.6779, 3.4855,

360.6574, 335.3601

1.6620

412.6406,
424.9623, 398.5725

■ 1.5216, 1.3902,
0.3345

■ 0.3404, 0.2094,
0.0000

■ 79.3698, 80.4624,
67.2247

■ 79.3698, 80.4624,
67.2247

■ 73.0558, 72.2735,
51.4348

■ 86.4747, 89.4342,
85.7415

■ 67.4960, 64.8343,
38.2358

■ 94.3941, 99.2004,
107.1025

■ 62.6591, 58.1240,
27.4871

■ 95.0500, 100.0000,
108.9000

■ 58.5087, 52.1169,
19.0329

■ 55.0050, 46.7851,
12.6989

■ 52.1027, 42.0984,
8.2856

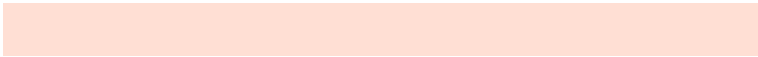
■ 49.7492, 38.0228,
5.5543

■ 47.9936, 34.7671,
4.1812

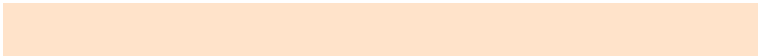
Harmonies

Analogous

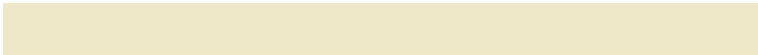
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0061, 80.4624, 73.3231



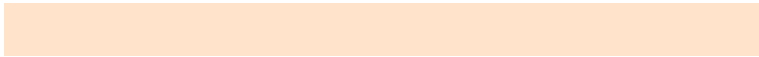
79.3698, 80.4624, 67.2247



75.0825, 80.4624, 66.2940

Triad

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



79.3698, 80.4624, 67.2247



68.6185, 80.4624, 91.6901



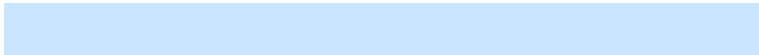
81.8872, 80.4624, 107.0883

Complementary

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



79.3698, 80.4624, 67.2247



70.7032, 76.3680, 105.6218

Split Complementary

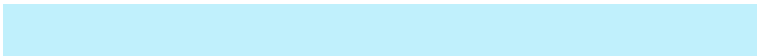
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8888, 80.4624, 113.0656



79.3698, 80.4624, 67.2247



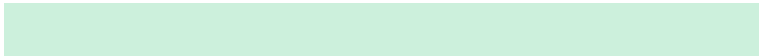
70.2997, 80.4624, 103.6415

Square

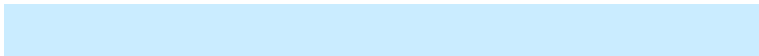
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3698, 80.4624, 67.2247



68.9815, 80.4624, 79.6798



73.6555, 80.4624, 111.7483



84.4969, 80.4624, 96.0494

Rectangle

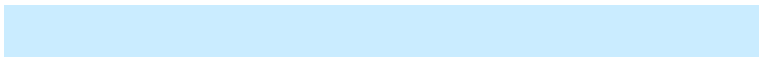
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3698, 80.4624, 67.2247



72.4460, 80.4624, 68.6302



73.6555, 80.4624, 111.7483



80.6550, 80.4624, 109.8010

Sweetspot

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



79.3716, 80.4659, 67.2264



90.1595, 94.0051, 95.5975



76.6815, 69.2301, 84.3812



19.1878, 19.9851, 20.1654



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.



79.3716, 80.4659, 67.2264



76.6144, 76.9183, 60.2433



87.0999, 95.9224, 69.8025



18.7161, 19.4004, 18.9025



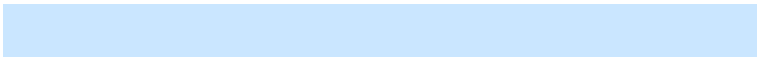
25.2245, 18.4601, 2.2337



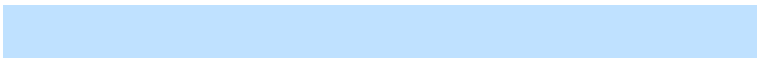
2.5644, 2.0141, 0.2536

Inverse Universe

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



70.7032, 76.3680, 105.6218



66.5032, 72.1376, 105.0266



63.9455, 62.8525, 103.3692



17.7973, 18.9661, 22.9728



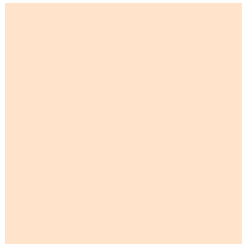
14.0871, 13.0837, 51.2175



1.4810, 1.4928, 5.0233

Previews

White Background



This preview shows how the XYZ color 79.3698, 80.4624, 67.2247 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 79.3698, 80.4624, 67.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

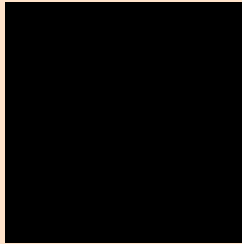
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3698, 80.4624, 67.2247

Background



This preview shows how black text looks on a background with the XYZ color 79.3698, 80.4624, 67.2247.

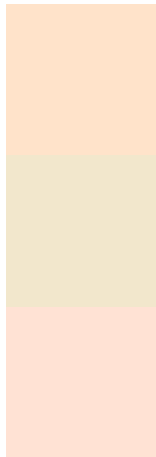


This preview shows how white text looks on a background with the XYZ color 79.3698, 80.4624,

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

79.3698, 80.4624, 67.2247

Protanopia

76.0929, 80.3887, 68.6328

Deuteranopia

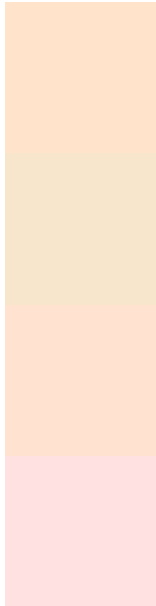
80.3200, 80.4062, 73.5740



Tritanopia

83.3283, 80.7444, 92.0823

Trichromacy



Original Color

79.3698, 80.4624, 67.2247

Protanomaly

77.4341, 80.6796, 67.9914

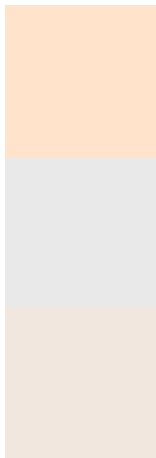
Deuteranomaly

79.8215, 80.2068, 70.9489

Tritanomaly

81.7558, 80.5467, 82.4722

Monochromacy



Original Color

79.3698, 80.4624, 67.2247

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0364, 81.1265, 80.6533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3698, 80.4624, 67.2247 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, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 202)  
}
```

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, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 202) }
```

Border

The CSS property to change the border of an element to XYZ 79.3698, 80.4624, 67.2247 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, 227, 202) }
```


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

```
.border{ border-color:rgb(255, 227, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3698, 80.4624, 67.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 202) }
```

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

```
.background{ background-color: rgb(255,  
227, 202) }
```

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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