

Converting Colors

XYZ(118.9116, 100.0000,
71.5545)

Have a look what the booklet for
XYZ(118.9116, 100.0000, 71.5545)
contains.

XYZ(79.3058, 79.5667, 69.5706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3058, 79.5667,
69.5706)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1CE
RGB	255, 225, 206
RGB Percent	100%, 88%, 81%
CMY	0.0000, 0.1176, 0.1921
CMYK	0.00, 0.12, 0.19, 0.00
HSL	23°, 100%, 90%
HSV	23°, 19%, 100%
XYZ	79.3058, 79.5667, 69.5706
YIQ	231.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

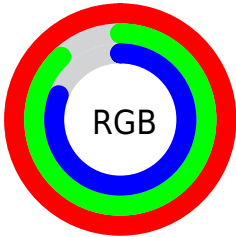
Format	Color
R _Y B	255, 237, 206
Decimal	16769486
CIE Lab	91.49, 7.40, 13.07
CIE LCh	91, 15.016, 60.489
Yxy	79.5667, 0.3472, 0.3483
Android (android.graphics.Color)	4294959566 (0xFFFFE1CE)
YUV	231.8040, -12.7214, 20.3429
Hunter-Lab	89.2002, 2.5999, 16.1976

Details

The XYZ color **79.3058, 79.5667, 69.5706** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4982, 80.3303, 106.2393**, and the grayscale version is **76.6364, 80.6275, 87.8033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3309, 43.0222, 35.7261** is the 20% darker color. If you saturate the color by 10%, you get **72.4274, 70.3717, 53.2143**, and if you desaturate by 10%, it is **87.0765, 89.7413, 88.7058**.

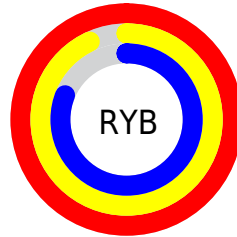
Distribution



Red (100%)

Green (88%)

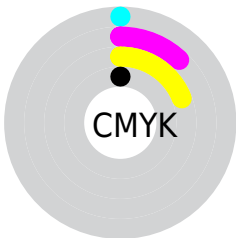
Blue (81%)



Red (100%)

Yellow (93%)

Blue (81%)

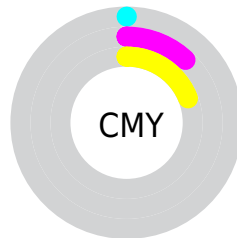


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3058, 79.5667, 69.5706 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 79.3058, 79.5667, 69.5706 by changing the saturation by 10% instead.


 79.3058, 79.5667,
69.5706

 79.3058, 79.5667,
69.5706


481.3625,
493.4714, 477.7892

 59.4538, 59.3619,
50.7019


131.3449,
132.7564, 120.2716

 43.2263, 42.9045,
35.5963


164.2628,
166.5100, 152.9409

 30.2580, 29.8102,
23.8354


202.2665,
205.5486, 191.0476

 20.1835, 19.6946,
15.0005

245.7217,
250.2567, 235.0100

 12.6376, 12.1732,
8.6731

294.9934,
301.0186, 285.2469

 7.2547, 6.8618,
4.4347

350.4473,

 3.6697, 3.3758,

358.2188, 342.1767

1.8667

412.4485,
422.2416, 406.2179

■ 1.5170, 1.3309,
0.4714

■ 0.3374, 0.1650,
0.0000

■ 79.3058, 79.5667,
69.5706

■ 79.3058, 79.5667,
69.5706

■ 72.4274, 70.3717,
53.2143

■ 87.0765, 89.7413,
88.7058

■ 66.4010, 62.1156,
39.5009

95.0500, 100.0000,
108.9000

■ 61.1917, 54.7699,
28.2907

■ 56.7594, 48.3008,
19.4286

■ 53.0605, 42.6719,
12.7423

■ 50.0459, 37.8436,
8.0352

■ 47.6591, 33.7723,
5.0744

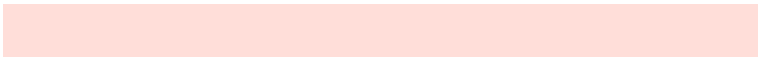
■ 45.8206, 30.4037,
3.5110

■ 45.6928, 30.1657,
3.4143

Harmonies

Analogous

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



82.1404, 79.5667, 76.3836



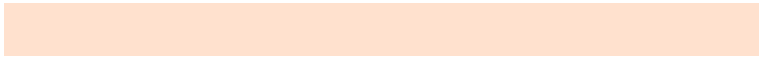
79.3058, 79.5667, 69.5706



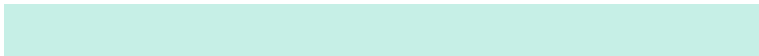
75.5630, 79.5667, 67.2375

Triad

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



79.3058, 79.5667, 69.5706



68.5090, 79.5667, 86.8145



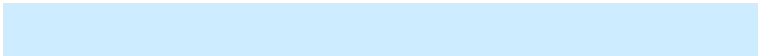
79.4180, 79.5667, 106.0771

Complementary

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



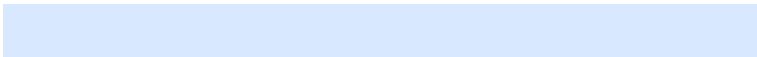
79.3058, 79.5667, 69.5706



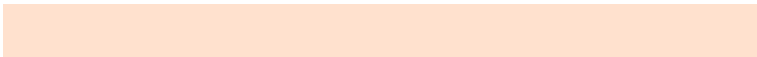
73.4982, 80.3303, 106.2393

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.



75.6885, 79.5667, 109.4437



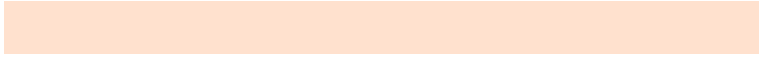
79.3058, 79.5667, 69.5706



69.4650, 79.5667, 97.7640

Square

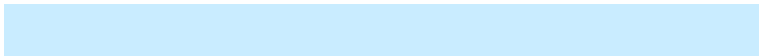
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3058, 79.5667, 69.5706



69.4057, 79.5667, 76.6702



72.0614, 79.5667, 106.2829



82.2068, 79.5667, 97.4270

Rectangle

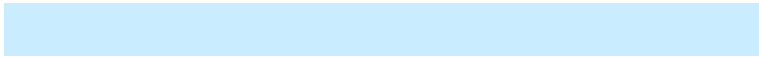
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3058, 79.5667, 69.5706



73.0812, 79.5667, 68.3682



72.0614, 79.5667, 106.2829



78.2287, 79.5667, 107.8953

Sweetspot

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



79.3077, 79.5702, 69.5723



89.7683, 93.2227, 95.4671



78.4837, 71.4722, 89.1815



19.0954, 19.8003, 20.1346



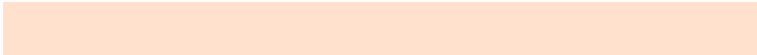
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.3077, 79.5702, 69.5723



76.6008, 75.9757, 63.0612



86.3442, 93.6431, 71.9177



18.5871, 19.1423, 18.8595



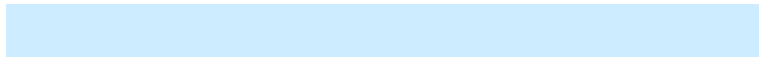
24.0095, 16.0303, 1.8287



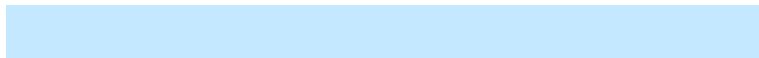
2.4399, 1.7652, 0.2121

Inverse Universe

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



73.4982, 80.3303, 106.2393



69.8337, 76.8579, 105.7622



66.9772, 67.2883, 104.0656



17.9287, 19.2290, 23.0166



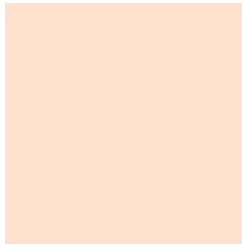
15.8011, 16.5118, 51.7889



1.6446, 1.8199, 5.0779

Previews

White Background



This preview shows how the XYZ color 79.3058, 79.5667, 69.5706 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 79.3058, 79.5667, 69.5706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

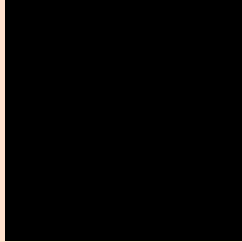
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3058, 79.5667, 69.5706

Background



This preview shows how black text looks on a background with the XYZ color 79.3058, 79.5667, 69.5706.

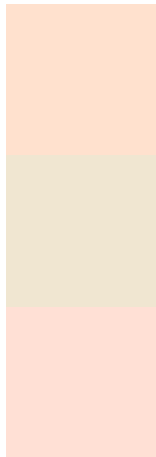


This preview shows how white text looks on a background with the XYZ color 79.3058, 79.5667,

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

79.3058, 79.5667, 69.5706

Protanopia

75.7406, 79.7223, 71.7176

Deuteranopia

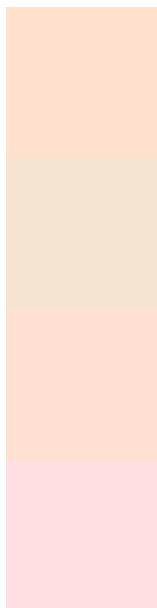
79.9059, 79.3754, 74.0603



Tritanopia

82.6473, 79.6170, 91.1324

Trichromacy



Original Color

79.3058, 79.5667, 69.5706

Protanomaly

76.7848, 79.4533, 70.9635

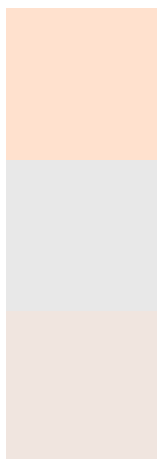
Deuteranomaly

79.5285, 79.2245, 72.0730

Tritanomaly

81.3551, 79.5263, 83.0137

Monochromacy



Original Color

79.3058, 79.5667, 69.5706

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2738, 79.8916, 81.1599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3058, 79.5667, 69.5706 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, 225, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 206)  
}
```

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, 225, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 206) }
```

Border

The CSS property to change the border of an element to XYZ 79.3058, 79.5667, 69.5706 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, 225, 206) }
```


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

```
.border{ border-color:rgb(255, 225, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3058, 79.5667, 69.5706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 206) }
```

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

```
.background{ background-color: rgb(255,  
225, 206) }
```

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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