

Converting Colors

XYZ(79.7494, 80.3658, 69.9900)

Have a look what the booklet for
XYZ(79.7494, 80.3658, 69.9900)
contains.

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Color

**XYZ(79.5769, 80.1089,
69.6609)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2CE
RGB	255, 226, 206
RGB Percent	100%, 89%, 81%
CMY	0.0000, 0.1137, 0.1922
CMYK	0.00, 0.11, 0.19, 0.00
HSL	24°, 100%, 90%
HSV	24°, 19%, 100%
XYZ	79.5769, 80.1089, 69.6609
YIQ	232.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

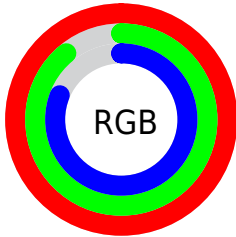
Format	Color
R _Y B	255, 240, 206
Decimal	16769742
CIE Lab	91.73, 6.88, 13.41
CIE LCh	92, 15.076, 62.837
Yxy	80.1089, 0.3470, 0.3493
Android (android.graphics.Color)	4294959822 (0xFFFFE2CE)
YUV	232.3910, -13.0108, 19.8281
Hunter-Lab	89.5036, 2.0716, 16.5069

Details

The XYZ color **79.5769, 80.1089, 69.6609** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2111, 79.7561, 106.1436**, and the grayscale version is **77.0783, 81.0924, 88.3096**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5191, 43.3986, 35.7888** is the 20% darker color. If you saturate the color by 10%, you get **72.8031, 71.1231, 53.3395**, and if you desaturate by 10%, it is **87.2183, 90.0250, 88.7530**.

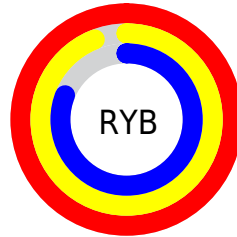
Distribution



Red (100%)

Green (89%)

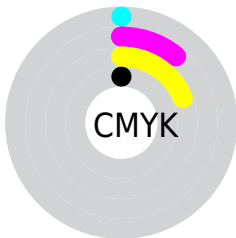
Blue (81%)



Red (100%)

Yellow (94%)

Blue (81%)

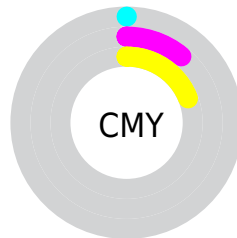


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5769, 80.1089, 69.6609 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 79.5769, 80.1089, 69.6609 by changing the saturation by 10% instead.


 79.5769, 80.1089,
69.6609

 79.5769, 80.1089,
69.6609


482.2641,
495.2998, 478.1154

 59.6775, 59.8080,
50.7750


131.7244,
133.5188, 120.4016

 43.4072, 43.2639,
35.6541


164.7032,
167.3966, 153.0936

 30.4007, 30.0922,
23.8796


202.7725,
206.5688, 191.2246

 20.2925, 19.9086,
15.0330

246.2976,
251.4198, 235.2133

 12.7173, 12.3286,
8.6956

295.6440,
302.3340, 285.4782

 7.3098, 6.9679,
4.4491

351.1770,

 3.7047, 3.4420,

359.6958, 342.4378

1.8748

413.2619,
423.8896, 406.5107

■ 1.5364, 1.3666,
0.4766

■ 0.3504, 0.1919,
0.0000

■ 79.5769, 80.1089,
69.6609

■ 79.5769, 80.1089,
69.6609

■ 72.8031, 71.1231,
53.3395

■ 87.2183, 90.0250,
88.7530

■ 66.8577, 63.0289,
39.6531

95.0500, 100.0000,
108.9000

■ 61.7067, 55.8000,
28.4623

■ 57.3114, 49.4047,
19.6126

■ 53.6292, 43.8093,
12.9319

■ 50.6125, 38.9768,
8.2241

■ 48.2062, 34.8665,
5.2568

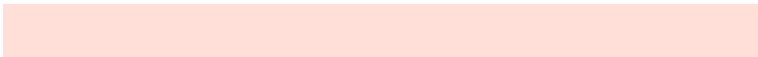
■ 46.3324, 31.4273,
3.6816

■ 46.2013, 31.1825,
3.5838

Harmonies

Analogous

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



82.5433, 80.1089, 76.2080



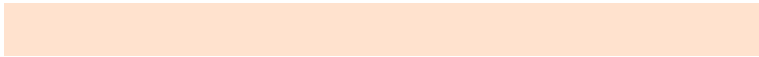
79.5769, 80.1089, 69.6609



75.7746, 80.1089, 67.6861

Triad

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



79.5769, 80.1089, 69.6609



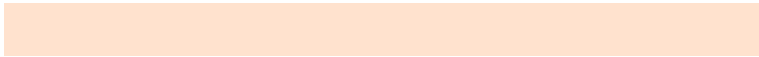
68.9721, 80.1089, 88.2805



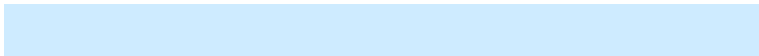
80.2335, 80.1089, 106.3139

Complementary

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



79.5769, 80.1089, 69.6609



73.2111, 79.7561, 106.1436

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.



76.5088, 80.1089, 110.2028



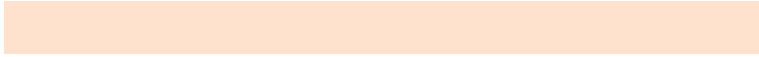
79.5769, 80.1089, 69.6609



70.0788, 80.1089, 99.2557

Square

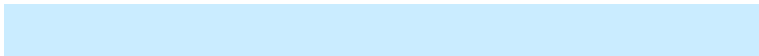
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5769, 80.1089, 69.6609



69.7320, 80.1089, 77.8843



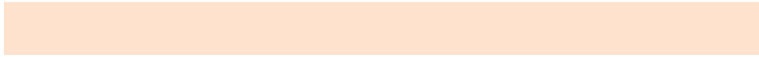
72.8057, 80.1089, 107.5180



82.9313, 80.1089, 97.2841

Rectangle

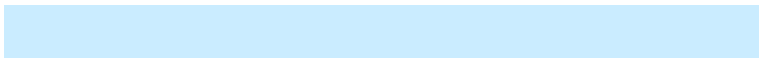
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5769, 80.1089, 69.6609



73.2991, 80.1089, 69.0794



72.8057, 80.1089, 107.5180



79.0557, 80.1089, 108.2986

Sweetspot

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



79.5788, 80.1124, 69.6626



89.8631, 93.4125, 95.4987



78.3651, 71.4248, 88.5572



19.1178, 19.8451, 20.1421



0.0000, 0.0000, 0.0000



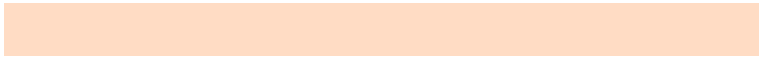
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5788, 80.1124, 69.6626



76.9144, 76.6029, 63.1657



86.5975, 94.1498, 72.0021



18.6183, 19.2048, 18.8699



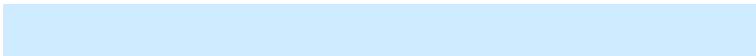
24.2790, 16.5692, 1.9185



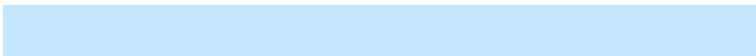
2.4681, 1.8216, 0.2215

Inverse Universe

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



73.2111, 79.7561, 106.1436



69.4974, 76.1854, 105.6501



66.7739, 66.8817, 103.9978



17.8966, 19.1648, 23.0059



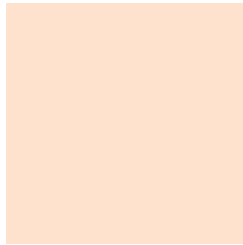
15.3555, 15.6205, 51.6403



1.6026, 1.7359, 5.0639

Previews

White Background



This preview shows how the XYZ color 79.5769, 80.1089, 69.6609 looks on a white background.

Color Contrast Check

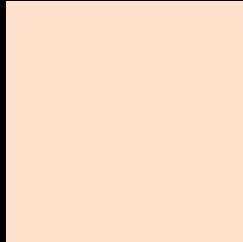
Large Text (above 18pt) WCAG AA × Fail

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 79.5769, 80.1089, 69.6609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

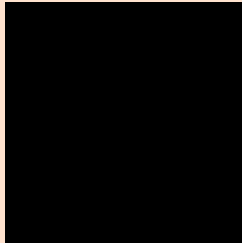
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5769, 80.1089, 69.6609

Background



This preview shows how black text looks on a background with the XYZ color 79.5769, 80.1089, 69.6609.

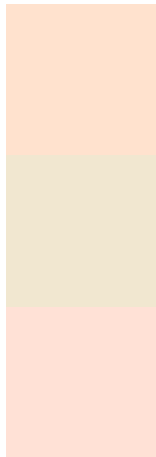


This preview shows how white text looks on a background with the XYZ color 79.5769, 80.1089,

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

79.5769, 80.1089, 69.6609

Protanopia

76.2367, 80.4067, 71.1764

Deuteranopia

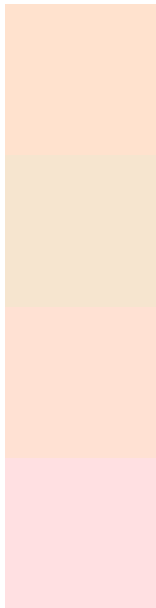
80.3028, 79.9655, 74.8208



Tritanopia

82.9137, 80.1498, 91.2212

Trichromacy



Original Color

79.5769, 80.1089, 69.6609

Protanomaly

77.2878, 80.1364, 70.4259

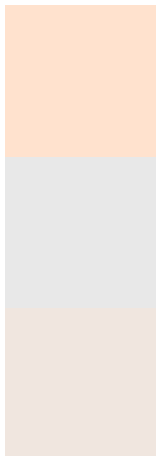
Deuteranomaly

79.9231, 79.8136, 72.8212

Tritanomaly

81.6231, 80.0623, 83.1031

Monochromacy



Original Color

79.5769, 80.1089, 69.6609

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5513, 80.4466, 81.2524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5769, 80.1089, 69.6609 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, 226, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 206) }
```

Border

The CSS property to change the border of an element to XYZ 79.5769, 80.1089, 69.6609 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, 226, 206) }
```


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

```
.border{ border-color:rgb(255, 226, 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, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5769, 80.1089, 69.6609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 206) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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