

Converting Colors

XYZ(90.3212, 85.8057, 69.2839)

Have a look what the booklet for
XYZ(90.3212, 85.8057, 69.2839)
contains.

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Color

**XYZ(79.4558, 80.0605,
69.0231)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2CD
RGB	255, 226, 205
RGB Percent	100%, 89%, 80%
CMY	0.0000, 0.1137, 0.1961
CMYK	0.00, 0.11, 0.20, 0.00
HSL	25°, 100%, 90%
HSV	25°, 20%, 100%
XYZ	79.4558, 80.0605, 69.0231
YIQ	232.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

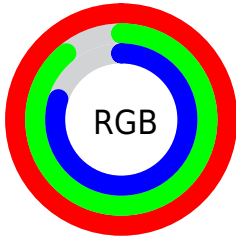
Format	Color
R _Y B	255, 241, 205
Decimal	16769741
CIE Lab	91.71, 6.74, 13.90
CIE LCh	92, 15.449, 64.148
Yxy	80.0605, 0.3477, 0.3503
Android (android.graphics.Color)	4294959821 (0xFFFFE2CD)
YUV	232.2770, -13.4476, 19.9281
Hunter-Lab	89.4765, 1.9253, 16.8967

Details

The XYZ color **79.4558, 80.0605, 69.0231** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6489, 79.0425, 106.0355**, and the grayscale version is **76.9959, 81.0056, 88.2151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4375, 43.3660, 35.3592** is the 20% darker color. If you saturate the color by 10%, you get **72.7762, 71.2324, 52.8279**, and if you desaturate by 10%, it is **86.9878, 89.7899, 87.9793**.

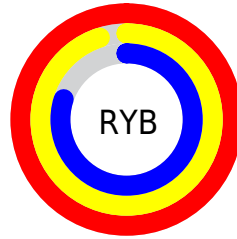
Distribution



Red (100%)

Green (89%)

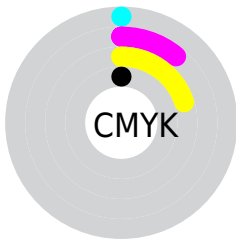
Blue (80%)



Red (100%)

Yellow (95%)

Blue (80%)

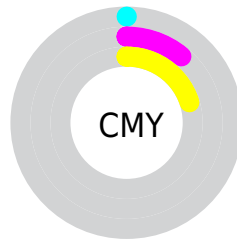


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4558, 80.0605, 69.0231 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 79.4558, 80.0605, 69.0231 by changing the saturation by 10% instead.


 79.4558, 80.0605,
69.0231

 79.4558, 80.0605,
69.0231


481.8615,
495.1367, 475.8086

 59.5776, 59.7681,
50.2586


131.5549,
133.4508, 119.4826

 43.3264, 43.2318,
35.2463


164.5065,
167.3175, 152.0147

 30.3369, 30.0670,
23.5676


202.5465,
206.4778, 189.9731

 20.2438, 19.8895,
14.8040

246.0404,
251.3161, 233.7764

 12.6817, 12.3147,
8.5368

295.3535,
302.2167, 283.8430

 7.2852, 6.9584,
4.3477

350.8511,

 3.6890, 3.4361,

359.5641, 340.5915

1.8179

412.8987,
423.7426, 404.4406

■ 1.5277, 1.3634,
0.4398

■ 0.3446, 0.1895,
0.0000

■ 79.4558, 80.0605,
69.0231

■ 79.4558, 80.0605,
69.0231

■ 72.7762, 71.2324,
52.8279

■ 86.9878, 89.7899,
87.9793

■ 66.9103, 63.2680,
39.2580

95.0500, 100.0000,
108.9000

■ 61.8246, 56.1421,
28.1737

■ 57.4808, 49.8243,
19.4199

■ 53.8369, 44.2820,
12.8242

■ 50.8457, 39.4796,
8.1895

■ 48.4526, 35.3778,
5.2818

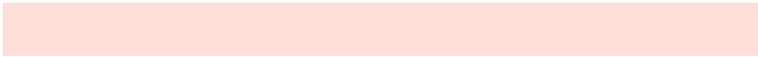
■ 46.5773, 31.9257,
3.7362

■ 46.5109, 31.8018,
3.6870

Harmonies

Analogous

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



82.5565, 80.0605, 75.5216



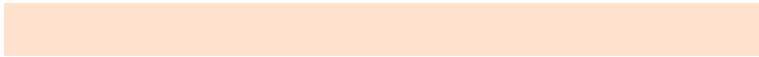
79.4558, 80.0605, 69.0231



75.5470, 80.0605, 67.2243

Triad

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



79.4558, 80.0605, 69.0231



68.7673, 80.0605, 88.7554



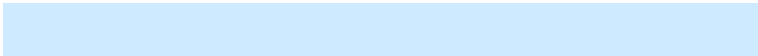
80.4394, 80.0605, 106.4450

Complementary

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



79.4558, 80.0605, 69.0231



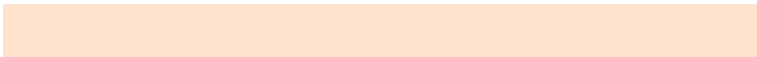
72.6489, 79.0425, 106.0355

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.



76.6459, 80.0605, 110.7210



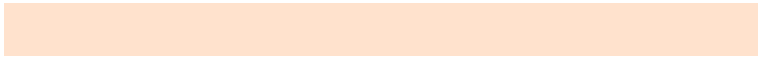
79.4558, 80.0605, 69.0231



69.9799, 80.0605, 99.9635

Square

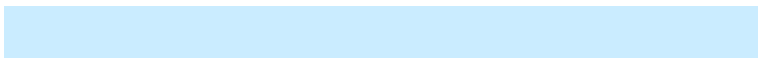
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4558, 80.0605, 69.0231



69.4616, 80.0605, 78.0258



72.8305, 80.0605, 108.2529



83.1380, 80.0605, 97.0070

Rectangle

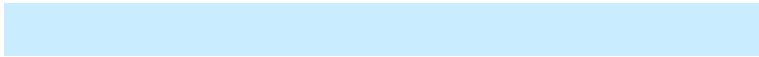
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4558, 80.0605, 69.0231



73.0296, 80.0605, 68.7893



72.8305, 80.0605, 108.2529



79.2452, 80.0605, 108.5691

Sweetspot

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



79.4577, 80.0640, 69.0248



89.9182, 93.5226, 95.5171



77.9471, 70.8736, 87.5398



19.1308, 19.8711, 20.1464



0.0000, 0.0000, 0.0000



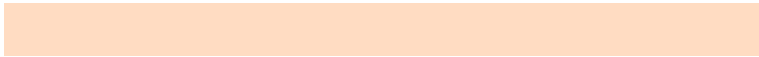
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4577, 80.0640, 69.0248



76.4200, 76.0758, 61.5776



86.7048, 94.5582, 71.4405



18.6365, 19.2411, 18.8760



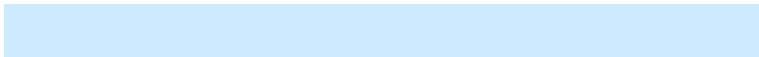
24.4428, 16.8968, 1.9731



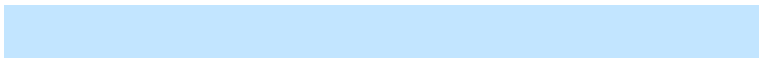
2.4851, 1.8555, 0.2272

Inverse Universe

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



72.6489, 79.0425, 106.0355



68.3463, 74.8619, 105.4553



66.0691, 65.8830, 103.8422



17.8780, 19.1277, 22.9997



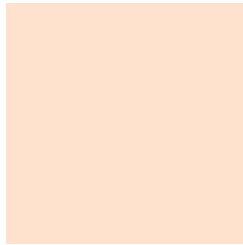
15.1056, 15.1208, 51.5570



1.5789, 1.6885, 5.0560

Previews

White Background



This preview shows how the XYZ color 79.4558, 80.0605, 69.0231 looks on a white background.

Color Contrast Check

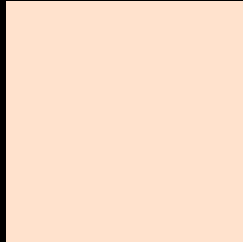
Large Text (above 18pt) WCAG AA × Fail

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 79.4558, 80.0605, 69.0231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

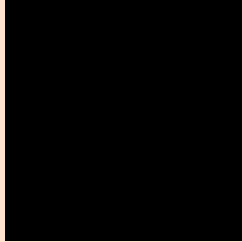
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4558, 80.0605, 69.0231

Background



This preview shows how black text looks on a background with the XYZ color 79.4558, 80.0605, 69.0231.



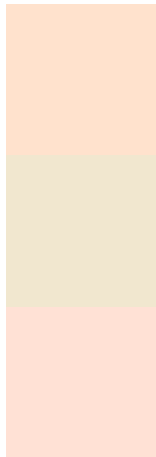
This preview shows how white text looks on a background with the XYZ color 79.4558, 80.0605,

69.0231.

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

79.4558, 80.0605, 69.0231

Protanopia

76.1140, 80.3576, 70.5304

Deuteranopia

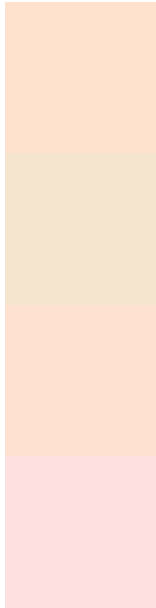
80.1755, 79.9145, 74.1501



Tritanopia

82.9137, 80.1498, 91.2212

Trichromacy



Original Color

79.4558, 80.0605, 69.0231

Protanomaly

77.1659, 80.0877, 69.7839

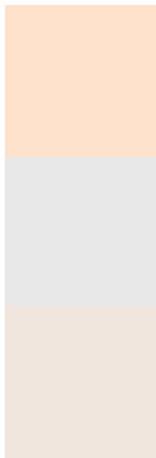
Deuteranomaly

79.7981, 79.7636, 72.1629

Tritanomaly

81.4863, 80.0076, 82.3824

Monochromacy



Original Color

79.4558, 80.0605, 69.0231

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.4168, 80.3928, 80.5443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4558, 80.0605, 69.0231 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 205) }
```

Border

The CSS property to change the border of an element to XYZ 79.4558, 80.0605, 69.0231 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, 205) }
```


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

```
.border{ border-color:rgb(255, 226, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4558, 80.0605, 69.0231 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
226, 205) }
```

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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