

Converting Colors

XYZ(85.9921, 83.3279, 71.0962)

Have a look what the booklet for
XYZ(85.9921, 83.3279, 71.0962)
contains.

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Color

**XYZ(79.8215, 80.2068,
70.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2D0
RGB	255, 226, 208
RGB Percent	100%, 89%, 82%
CMY	0.0000, 0.1137, 0.1843
CMYK	0.00, 0.11, 0.18, 0.00
HSL	23°, 100%, 91%
HSV	23°, 18%, 100%
XYZ	79.8215, 80.2068, 70.9489
YIQ	232.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

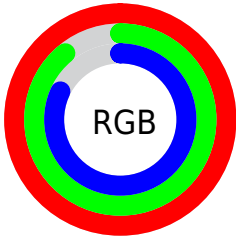
Format	Color
R_{YB}	255, 237, 208
Decimal	16769744
CIE _{Lab}	91.78, 7.18, 12.43
CIE _{LCh}	92, 14.355, 60.009
Yxy	80.2068, 0.3456, 0.3472
Android (android.graphics.Color)	4294959824 (0xFFFFE2D0)
YUV	232.6190, -12.1372, 19.6281
Hunter-Lab	89.5582, 2.3666, 15.7207

Details

The XYZ color **79.8215, 80.2068, 70.9489** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3457, 81.1958, 106.3617**, and the grayscale version is **77.2436, 81.2662, 88.4989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6843, 43.4647, 36.6590** is the 20% darker color. If you saturate the color by 10%, you get **72.8500, 70.8873, 54.3713**, and if you desaturate by 10%, it is **87.6938, 90.5200, 90.3172**.

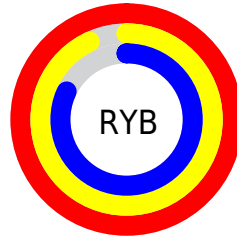
Distribution



Red (100%)

Green (89%)

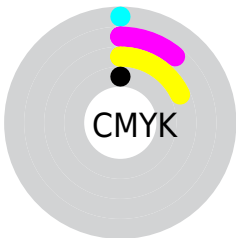
Blue (82%)



Red (100%)

Yellow (93%)

Blue (82%)

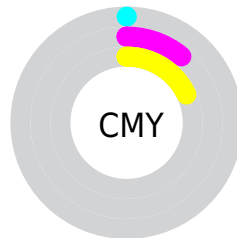


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8215, 80.2068, 70.9489 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 79.8215, 80.2068, 70.9489 by changing the saturation by 10% instead.


 79.8215, 80.2068,
70.9489

 79.8215, 80.2068,
70.9489


483.0768,
495.6295, 482.7536

 59.8794, 59.8885,
51.8189


132.0666,
133.6564, 122.2547

 43.5706, 43.3288,
36.4795


165.1003,
167.5566, 155.2677

 30.5295, 30.1432,
24.5121

203.2286,
206.7529, 193.7453

 20.3909, 19.9473,
15.4983

246.8169,
251.6297, 238.1063

 12.7894, 12.3567,
9.0193

296.2305,
302.5713, 288.7691

 7.3597, 6.9871,
4.6568

351.8348,

 3.7364, 3.4540,

359.9622, 346.1522

1.9921

413.9951,
424.1868, 410.6742

■ 1.5541, 1.3731,
0.5504

■ 0.3622, 0.1968,
0.0000

■ 79.8215, 80.2068,
70.9489

■ 79.8215, 80.2068,
70.9489

■ 72.8500, 70.8873,
54.3713

■ 87.6938, 90.5200,
90.3172

■ 66.7390, 62.5205,
40.4492

95.0500, 100.0000,
108.9000

■ 61.4534, 55.0775,
29.0435

■ 56.9533, 48.5240,
20.0004

■ 53.1949, 42.8232,
13.1490

■ 50.1293, 37.9353,
8.2948

■ 47.7005, 33.8162,
5.2083

■ 45.8342, 30.4132,
3.5695

■ 45.5786, 29.9371,
3.3762

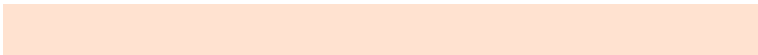
Harmonies

Analogous

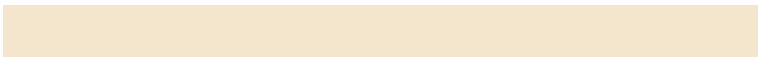
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5190, 80.2068, 77.5952



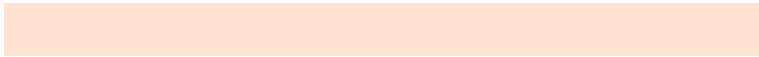
79.8215, 80.2068, 70.9489



76.2330, 80.2068, 68.6155

Triad

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



79.8215, 80.2068, 70.9489



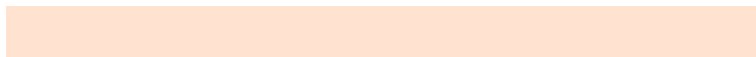
69.3833, 80.2068, 87.3348



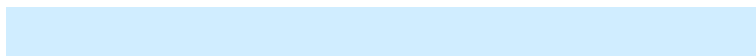
79.8235, 80.2068, 106.0562

Complementary

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



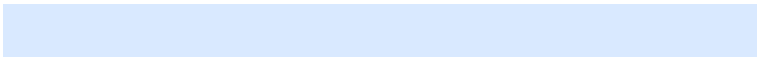
79.8215, 80.2068, 70.9489



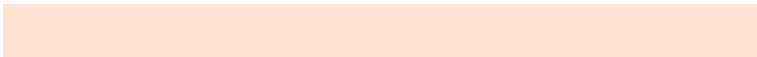
74.3457, 81.1958, 106.3617

Split Complementary

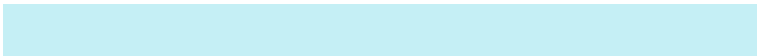
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2353, 80.2068, 109.1746



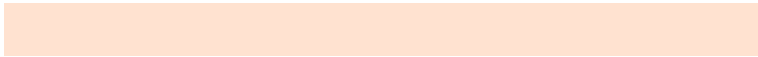
79.8215, 80.2068, 70.9489



70.2768, 80.2068, 97.8502

Square

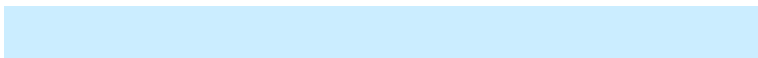
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8215, 80.2068, 70.9489



70.2758, 80.2068, 77.6004



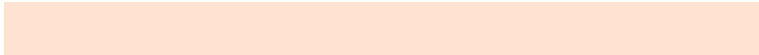
72.7559, 80.2068, 106.0599



82.5202, 80.2068, 97.8441

Rectangle

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



79.8215, 80.2068, 70.9489



73.8415, 80.2068, 69.6610



72.7559, 80.2068, 106.0599



78.6779, 80.2068, 107.7630

Sweetspot

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



79.8234, 80.2103, 70.9506



89.7461, 93.1784, 95.4597



79.1947, 72.5319, 90.5358



19.0902, 19.7898, 20.1329



0.0000, 0.0000, 0.0000



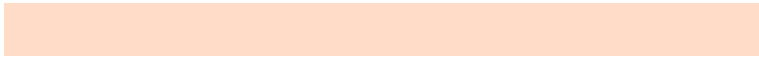
20.3446, 21.4041, 23.3091

Same Dimension

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



79.8234, 80.2103, 70.9506



77.2332, 76.7710, 64.7196



86.4188, 93.4009, 73.1490



18.5798, 19.1277, 18.8571



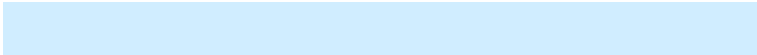
23.9489, 15.9089, 1.8085



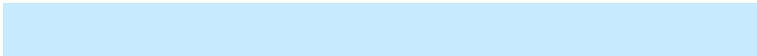
2.4335, 1.7524, 0.2100

Inverse Universe

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



74.3457, 81.1958, 106.3617



70.8598, 77.9147, 105.9121



68.1774, 68.8591, 104.3055



17.9362, 19.2440, 23.0191



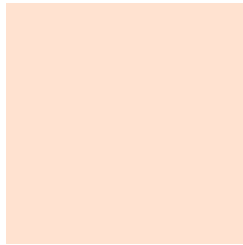
15.9080, 16.7257, 51.8245



1.6546, 1.8400, 5.0812

Previews

White Background



This preview shows how the XYZ color 79.8215, 80.2068, 70.9489 looks on a white background.

Color Contrast Check

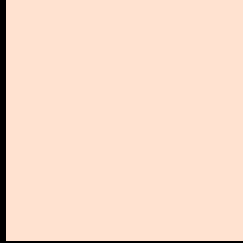
Large Text (above 18pt) WCAG AA × Fail

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 79.8215, 80.2068, 70.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

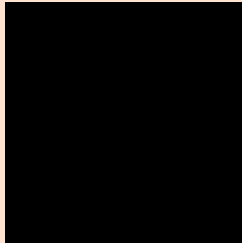
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

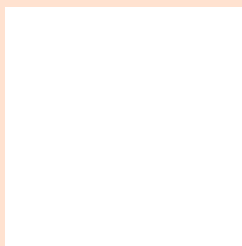
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8215, 80.2068, 70.9489

Background



This preview shows how black text looks on a background with the XYZ color 79.8215, 80.2068, 70.9489.



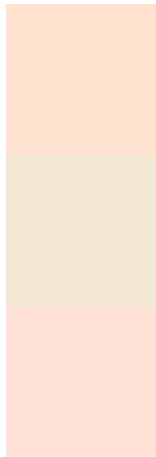
This preview shows how white text looks on a background with the XYZ color 79.8215, 80.2068,

70.9489.

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

79.8215, 80.2068, 70.9489

Protanopia

76.4844, 80.5057, 72.4808

Deuteranopia

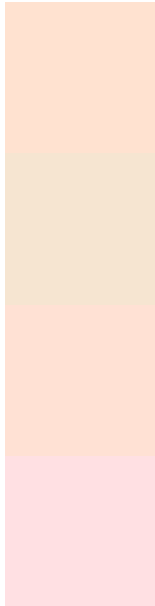
80.4310, 80.0167, 75.4956



Tritanopia

83.0603, 80.2084, 91.9929

Trichromacy



Original Color

79.8215, 80.2068, 70.9489

Protanomaly

77.5340, 80.2349, 71.7220

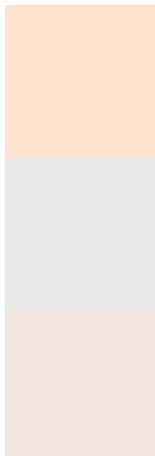
Deuteranomaly

80.0489, 79.8639, 73.4836

Tritanomaly

81.7608, 80.1174, 83.8280

Monochromacy



Original Color

79.8215, 80.2068, 70.9489

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0270, 80.6762, 81.9806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8215, 80.2068, 70.9489 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, 208) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 79.8215, 80.2068, 70.9489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

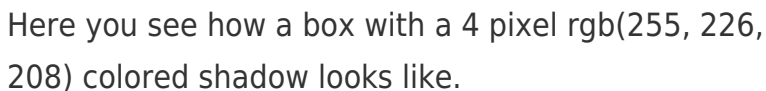
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 226, 208) }
```


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

```
.border{ border-color:rgb(255, 226, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 208); box-shadow:4px 4px 4px 4px rgb(255, 226, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8215, 80.2068, 70.9489 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
226, 208) }
```

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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