

Converting Colors

XYZ(119.9959, 102.5663,
67.0772)

Have a look what the booklet for
XYZ(119.9959, 102.5663, 67.0772)
contains.

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Color

**XYZ(79.7299, 81.9308,
65.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6C6
RGB	255, 230, 198
RGB Percent	100%, 90%, 78%
CMY	0.0000, 0.0980, 0.2235
CMYK	0.00, 0.10, 0.22, 0.00
HSL	34°, 100%, 89%
HSV	34°, 22%, 100%
XYZ	79.7299, 81.9308, 65.0381
YIQ	233.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

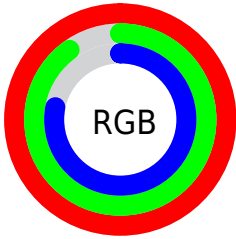
Format	Color
R _Y B	243, 255, 198
Decimal	16770758
CIE Lab	92.54, 3.69, 18.71
CIE LCh	93, 19.071, 78.843
Yxy	81.9308, 0.3517, 0.3614
Android (android.graphics.Color)	4294960838 (0xFFFFE6C6)
YUV	233.8270, -17.6627, 18.5687
Hunter-Lab	90.5156, -1.1722, 20.7594

Details

The XYZ color **79.7299, 81.9308, 65.0381** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.7257, 71.9991, 104.9354**, and the grayscale version is **78.1936, 82.2657, 89.5873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6527, 44.6793, 32.7088** is the 20% darker color. If you saturate the color by 10%, you get **74.0204, 74.8293, 49.8251**, and if you desaturate by 10%, it is **86.1380, 89.6368, 82.9290**.

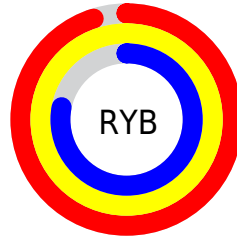
Distribution



Red (100%)

Green (90%)

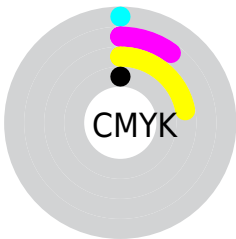
Blue (78%)



Red (95%)

Yellow (100%)

Blue (78%)

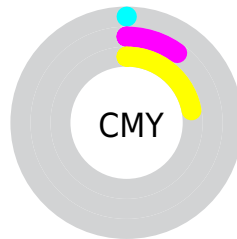


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7299, 81.9308, 65.0381 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 79.7299, 81.9308, 65.0381 by changing the saturation by 10% instead.


 79.7299, 81.9308,
65.0381

 79.7299, 81.9308,
65.0381

482.7725,
501.4162, 461.2388

 59.8038, 61.3085,
47.0404


131.9384,
136.0770, 113.7184

 43.5094, 44.4742,
32.7130


164.9516,
170.3696, 145.2382

 30.4812, 31.0435,
21.6374

203.0578,
209.9878, 182.1024

 20.3540, 20.6319,
13.3949

246.6225,
255.3160, 224.7295

 12.7624, 12.8552,
7.5672

296.0109,
306.7385, 273.5382

 7.3410, 7.3289,
3.7355

351.5885,

 3.7245, 3.6687,

364.6398, 328.9470

1.4814

413.7206,
429.4042, 391.3743

■ 1.5475, 1.4900,
0.2040

■ 0.3578, 0.2817,
0.0000

■ 79.7299, 81.9308,
65.0381

■ 79.7299, 81.9308,
65.0381

■ 74.0204, 74.8293,
49.8251

■ 86.1380, 89.6368,
82.9290

■ 68.9754, 68.3043,
37.1532

■ 93.2658, 97.9530,
103.6152

■ 64.5661, 62.3408,
26.8809

■ 95.0500, 100.0000,
108.9000

■ 60.7588, 56.9193,
18.8510

■ 57.5162, 52.0182,
12.8868

■ 54.7958, 47.6137,
8.7851

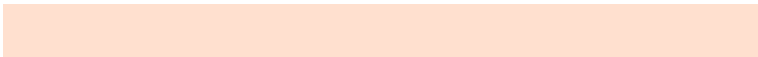
■ 52.5469, 43.6788,
6.3001

■ 51.0898, 40.9595,
5.2133

Harmonies

Analogous

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



84.3094, 81.9308, 70.2105



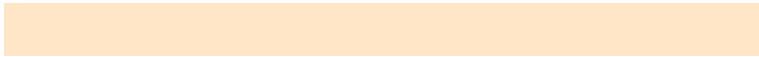
79.7299, 81.9308, 65.0381



74.8375, 81.9308, 65.8076

Triad

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



79.7299, 81.9308, 65.0381



69.2037, 81.9308, 98.3101



85.2647, 81.9308, 108.3875

Complementary

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



79.7299, 81.9308, 65.0381



67.7257, 71.9991, 104.9354

Split Complementary

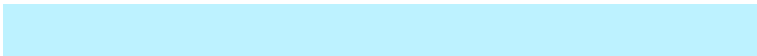
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9890, 81.9308, 117.5882



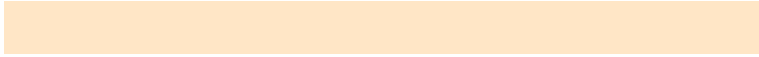
79.7299, 81.9308, 65.0381



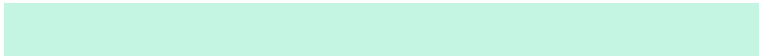
71.7724, 81.9308, 111.3577

Square

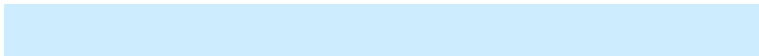
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7299, 81.9308, 65.0381



68.8988, 81.9308, 84.0351



76.0447, 81.9308, 118.7294



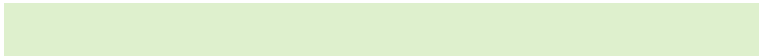
87.5940, 81.9308, 94.5904

Rectangle

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



79.7299, 81.9308, 65.0381



72.0517, 81.9308, 69.6089



76.0447, 81.9308, 118.7294



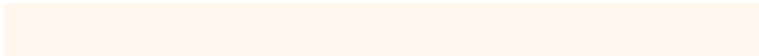
83.9992, 81.9308, 112.1803

Sweetspot

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



79.7318, 81.9344, 65.0398



89.8616, 94.0104, 93.6453



74.8418, 67.0119, 79.2631



19.1420, 20.0146, 19.7766



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

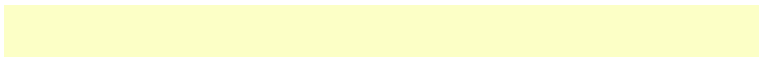
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7318, 81.9344, 65.0398



76.9925, 78.5588, 57.6434



86.1525, 96.3208, 67.4783



18.8556, 19.6793, 18.9490



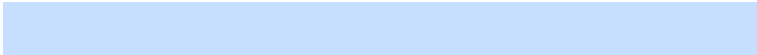
26.8468, 21.7049, 2.7745



2.7228, 2.3310, 0.3064

Inverse Universe

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



67.7257, 71.9991, 104.9354



62.9795, 66.9645, 104.2138



62.2921, 60.0060, 102.9069



17.6584, 18.6884, 22.9265



12.5913, 10.0921, 50.7189



1.3325, 1.1957, 4.9738

Previews

White Background



This preview shows how the XYZ color 79.7299, 81.9308, 65.0381 looks on a white background.

Color Contrast Check

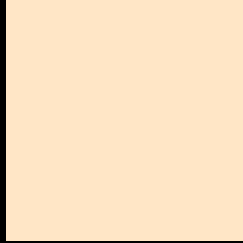
Large Text (above 18pt) WCAG AA × Fail

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 79.7299, 81.9308, 65.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

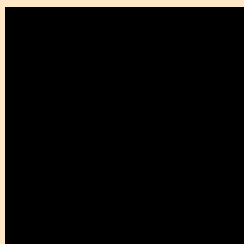
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7299, 81.9308, 65.0381

Background



This preview shows how black text looks on a background with the XYZ color 79.7299, 81.9308, 65.0381.

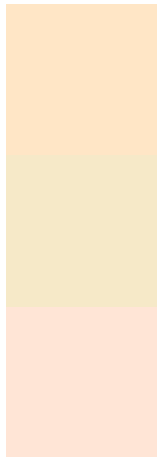


This preview shows how white text looks on a background with the XYZ color 79.7299, 81.9308,

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

79.7299, 81.9308, 65.0381

Protanopia

77.5703, 82.0408, 66.3906

Deuteranopia

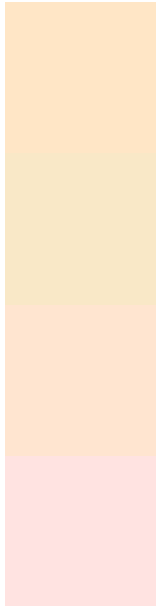
81.3969, 82.1537, 75.1855



Tritanopia

84.1645, 81.9440, 93.8189

Trichromacy



Original Color

79.7299, 81.9308, 65.0381

Protanomaly

78.2323, 81.9765, 65.7326

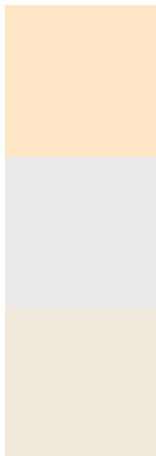
Deuteranomaly

80.6445, 81.8527, 71.2232

Tritanomaly

82.2997, 81.6344, 82.6535

Monochromacy



Original Color

79.7299, 81.9308, 65.0381

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8080, 82.3755, 80.1531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7299, 81.9308, 65.0381 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, 230, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 198)  
}
```

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, 230, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 198) }
```

Border

The CSS property to change the border of an element to XYZ 79.7299, 81.9308, 65.0381 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, 230, 198) }
```


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

```
.border{ border-color:rgb(255, 230, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7299, 81.9308, 65.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 198) }
```

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

```
.background{ background-color: rgb(255,  
230, 198) }
```

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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