

Converting Colors

XYZ(129.9271, 106.3884,
68.2955)

Have a look what the booklet for
XYZ(129.9271, 106.3884, 68.2955)
contains.

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Color

**XYZ(79.1344, 80.3683,
65.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3C8
RGB	255, 227, 200
RGB Percent	100%, 89%, 78%
CMY	0.0000, 0.1098, 0.2157
CMYK	0.00, 0.11, 0.22, 0.00
HSL	29°, 100%, 89%
HSV	29°, 22%, 100%
XYZ	79.1344, 80.3683, 65.9854
YIQ	232.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

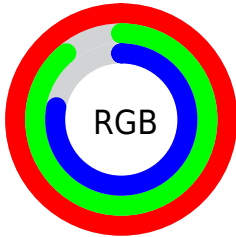
Format	Color
R _Y B	255, 253, 200
Decimal	16769992
CIE Lab	91.85, 5.51, 16.70
CIE LCh	92, 17.584, 71.750
Yxy	80.3683, 0.3509, 0.3564
Android (android.graphics.Color)	4294960072 (0xFFFFE3C8)
YUV	232.2940, -15.9209, 19.9132
Hunter-Lab	89.6484, 0.6809, 19.1136

Details

The XYZ color **79.1344, 80.3683, 65.9854** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6121, 74.9840, 105.4121**, and the grayscale version is **77.0259, 81.0372, 88.2495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2295, 43.5861, 33.3287** is the 20% darker color. If you saturate the color by 10%, you get **72.9824, 72.4424, 50.4376**, and if you desaturate by 10%, it is **86.0550, 89.0354, 84.2436**.

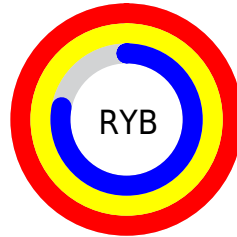
Distribution



Red (100%)

Green (89%)

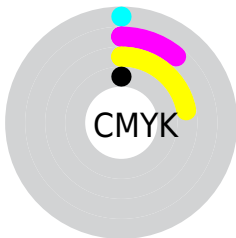
Blue (78%)



Red (100%)

Yellow (99%)

Blue (78%)

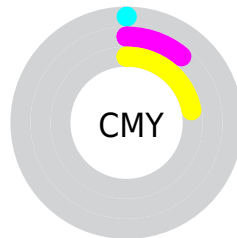


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1344, 80.3683, 65.9854 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 79.1344, 80.3683, 65.9854 by changing the saturation by 10% instead.


 79.1344, 80.3683,
65.9854

 79.1344, 80.3683,
65.9854


480.7920,
496.1732, 464.7275

 59.3123, 60.0215,
47.8041


131.1050,
133.8834, 115.0922

 43.1119, 43.4359,
33.3129


163.9842,
167.8205, 146.8548

 30.1679, 30.2273,
22.0932

201.9465,
207.0565, 183.9816

 20.1147, 20.0112,
13.7264

245.3573,
251.9757, 226.8911

 12.5872, 12.4032,
7.7941

294.5819,
302.9626, 276.0019

 7.2200, 7.0189,
3.8776

349.9856,

 3.6476, 3.4739,

360.4015, 331.7326

1.5584

411.9339,
424.6769, 394.5016

■ 1.5048, 1.3839,
0.2609

■ 0.3291, 0.2048,
0.0000

■ 79.1344, 80.3683,
65.9854

■ 79.1344, 80.3683,
65.9854

■ 72.9824, 72.4424,
50.4376

■ 86.0550, 89.0354,
84.2436

■ 67.5627, 65.2255,
37.4634

■ 93.7671, 98.4536,
105.3297

■ 62.8445, 58.6983,
26.9217

■ 95.0500, 100.0000,
108.9000

■ 58.7920, 52.8365,
18.6555

■ 55.3658, 47.6138,
12.4894

■ 52.5212, 43.0014,
8.2214

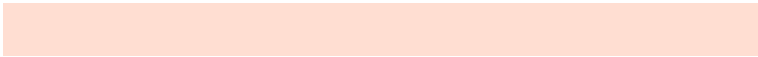
■ 50.2055, 38.9669,
5.6094

■ 48.5998, 35.9796,
4.3833

Harmonies

Analogous

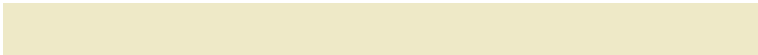
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0387, 80.3683, 71.9961



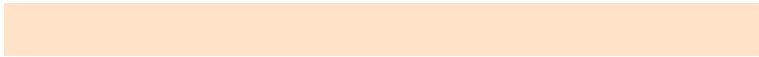
79.1344, 80.3683, 65.9854



74.6360, 80.3683, 65.3838

Triad

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



79.1344, 80.3683, 65.9854



68.2117, 80.3683, 92.6608



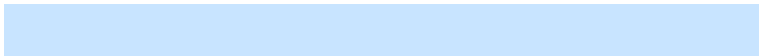
82.3062, 80.3683, 107.3652

Complementary

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



79.1344, 80.3683, 65.9854



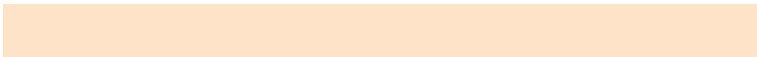
69.6121, 74.9840, 105.4121

Split Complementary

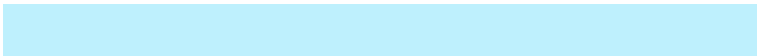
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1665, 80.3683, 114.1313



79.1344, 80.3683, 65.9854



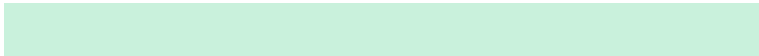
70.1016, 80.3683, 105.1004

Square

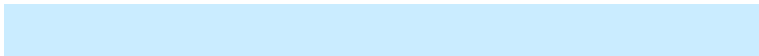
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1344, 80.3683, 65.9854



68.4478, 80.3683, 79.9613



73.7052, 80.3683, 113.2639



84.9189, 80.3683, 95.5139

Rectangle

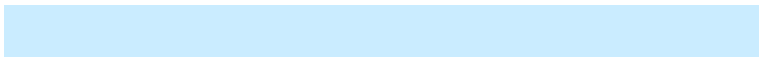
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1344, 80.3683, 65.9854



71.9166, 80.3683, 68.0498



73.7052, 80.3683, 113.2639



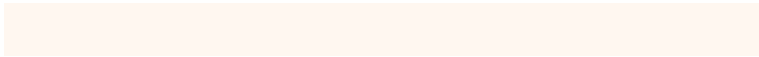
81.0403, 80.3683, 110.3599

Sweetspot

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



79.1363, 80.3718, 65.9871



90.2494, 94.1850, 95.6275



75.9563, 68.1941, 82.8625



19.2090, 20.0275, 20.1725



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.



79.1363, 80.3718, 65.9871



76.3163, 76.7681, 58.7690



87.1338, 96.3668, 68.6529



18.7458, 19.4598, 18.9124



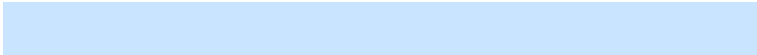
25.5431, 19.0973, 2.3399



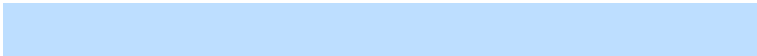
2.5960, 2.0774, 0.2642

Inverse Universe

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



69.6121, 74.9840, 105.4121



65.2019, 70.4804, 104.7753



62.7375, 61.2349, 103.1206



17.7674, 18.9064, 22.9628



13.7382, 12.3859, 51.1012



1.4470, 1.4247, 5.0120

Previews

White Background



This preview shows how the XYZ color 79.1344, 80.3683, 65.9854 looks on a white background.

Color Contrast Check

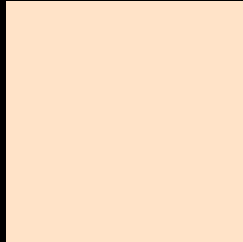
Large Text (above 18pt) WCAG AA × Fail

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 79.1344, 80.3683, 65.9854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

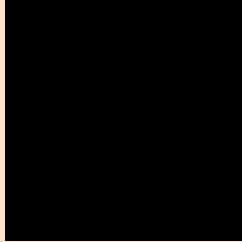
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1344, 80.3683, 65.9854

Background



This preview shows how black text looks on a background with the XYZ color 79.1344, 80.3683, 65.9854.



This preview shows how white text looks on a background with the XYZ color 79.1344, 80.3683, 65.9854.

65.9854.

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

79.1344, 80.3683, 65.9854

Protanopia

76.1987, 80.4708, 67.3934

Deuteranopia

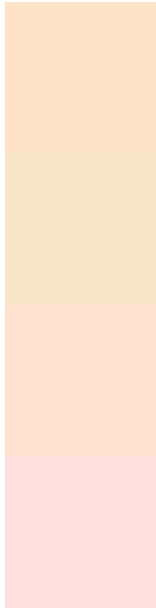
80.1942, 80.3559, 72.9116



Tritanopia

82.9137, 80.1498, 91.2212

Trichromacy



Original Color

79.1344, 80.3683, 65.9854

Protanomaly

77.1972, 80.5848, 66.7440

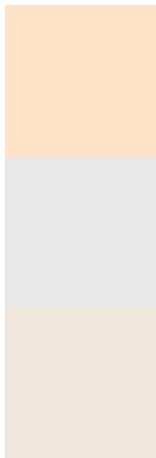
Deuteranomaly

79.6988, 80.1577, 70.3029

Tritanomaly

81.3502, 79.9531, 81.6659

Monochromacy



Original Color

79.1344, 80.3683, 65.9854

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.1503, 80.2862, 79.1407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1344, 80.3683, 65.9854 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, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 200)  
}
```

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, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 200) }
```

Border

The CSS property to change the border of an element to XYZ 79.1344, 80.3683, 65.9854 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, 227, 200) }
```


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

```
.border{ border-color:rgb(255, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1344, 80.3683, 65.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 200) }
```

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

```
.background{ background-color: rgb(255,  
227, 200) }
```

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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