

Converting Colors

XYZ(66.2760, 66.1480, 59.8769)

Have a look what the booklet for
XYZ(66.2760, 66.1480, 59.8769)
contains.

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Color

**XYZ(66.1994, 66.1381,
59.7289)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCFC1
RGB	235, 207, 193
RGB Percent	92%, 81%, 76%
CMY	0.0784, 0.1882, 0.2431
CMYK	0.00, 0.12, 0.18, 0.08
HSL	20°, 51%, 84%
HSV	20°, 18%, 92%
XYZ	66.1994, 66.1381, 59.7289
YIQ	213.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

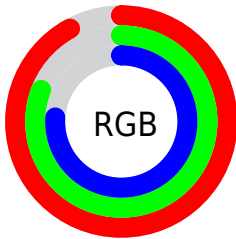
Format	Color
R _Y B	235, 214, 193
Decimal	15454145
CIE Lab	85.07, 7.58, 10.53
CIE LCh	85, 12.974, 54.271
Yxy	66.1381, 0.3447, 0.3444
Android (android.graphics.Color)	4293644225 (0xFFEBCFC1)
YUV	213.7760, -10.2426, 18.6134
Hunter-Lab	81.3253, 2.9809, 13.3826

Details

The XYZ color **66.1994, 66.1381, 59.7289** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.8437, 69.0468, 88.6129**, and the grayscale version is **63.8241, 67.1480, 73.1241**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **34.6418, 34.2303, 29.2074** is the 20% darker color. If you saturate the color by 10%, you get **60.1752, 57.9565, 45.7986**, and if you desaturate by 10%, it is **73.0204, 75.2453, 75.9815**.

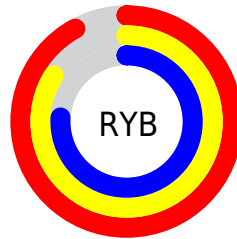
Distribution



Red (92%)

Green (81%)

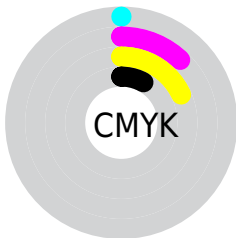
Blue (76%)



Red (92%)

Yellow (84%)

Blue (76%)

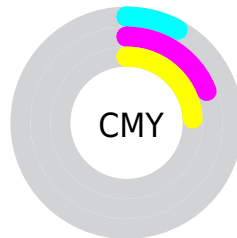


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (8%)



Cyan (8%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1994, 66.1381, 59.7289 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 66.1994, 66.1381, 59.7289 by changing the saturation by 10% instead.

66.1994, 66.1381,
59.7289

66.1994, 66.1381,
59.7289

436.5671,
446.8706, 441.3747

48.7026, 48.3845,
42.7763

112.8286,
113.6845, 105.9758

34.5972, 34.1315,
29.3795

142.6917,
144.2461, 136.1072

23.5178, 22.9946,
19.1201

177.4077,
179.8459, 171.4686

15.0991, 14.5895,
11.5794

217.3418,
220.8682, 212.4786

8.9757, 8.5318,
6.3389

262.8594,
267.6974, 259.5556

4.7823, 4.4371,
2.9801

314.3260,

2.1536, 1.9209,

320.7180, 313.1183

1.0845

372.1067,
380.3142, 373.5851

■ 0.7181, 0.5609,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1994, 66.1381,
59.7289

■ 66.1994, 66.1381,
59.7289

■ 60.1752, 57.9565,
45.7986

■ 73.0204, 75.2453,
75.9815

■ 54.9118, 50.6620,
34.0793

■ 80.6615, 85.2974,
94.6521

■ 50.3783, 44.2262,
24.4569

■ 87.7524, 95.7647,
108.4671

■ 46.5396, 38.6157,
16.8054

■ 88.0711, 96.4023,
108.5734

■ 43.3572, 33.7949,
10.9848

■ 40.7885, 29.7252,
6.8367

■ 38.7846, 26.3641,
4.1749

■ 37.2827, 23.6616,
2.7457

■ 37.0111, 23.1623,
2.5201

Harmonies

Analogous

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



68.1226, 66.1381, 65.6017



66.1994, 66.1381, 59.7289



63.4246, 66.1381, 57.1649

Triad

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



66.1994, 66.1381, 59.7289



57.4379, 66.1381, 70.4193



65.1993, 66.1381, 87.6942

Complementary

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



66.1994, 66.1381, 59.7289



62.8437, 69.0468, 88.6129

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.



62.3033, 66.1381, 89.2327



66.1994, 66.1381, 59.7289



57.8800, 66.1381, 78.8292

Square

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



66.1994, 66.1381, 59.7289



58.4123, 66.1381, 63.0227



59.6392, 66.1381, 85.8758



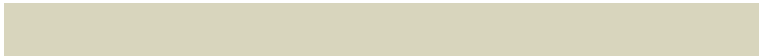
67.5327, 66.1381, 81.8204

Rectangle

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



66.1994, 66.1381, 59.7289



61.4880, 66.1381, 57.5223



59.6392, 66.1381, 85.8758



64.2569, 66.1381, 88.7537

Sweetspot

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



66.2012, 66.1411, 59.7303



90.4131, 93.9028, 97.5612



66.3827, 61.0234, 76.6872



19.2170, 19.9207, 20.5538



0.0000, 0.0000, 0.0000



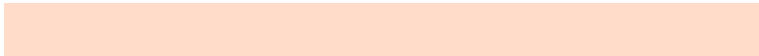
20.3446, 21.4041, 23.3091

Same Dimension

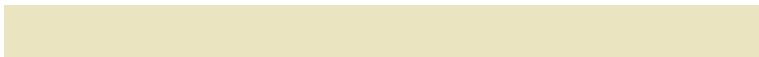
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2012, 66.1411, 59.7303



77.2470, 76.3211, 66.1964



71.6306, 76.9998, 61.5401



15.4758, 15.8747, 15.7672



20.7031, 13.1004, 1.4375



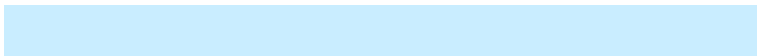
1.7113, 1.1998, 0.1414

Inverse Universe

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



62.8437, 69.0468, 88.6129



72.5845, 80.3518, 106.2916



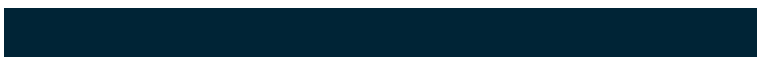
57.6428, 58.6450, 86.8792



15.0700, 16.2265, 19.2600



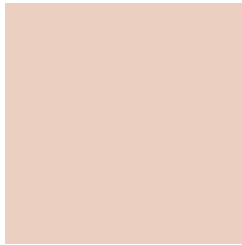
15.1442, 16.9353, 46.2136



1.2770, 1.5054, 3.6582

Previews

White Background



This preview shows how the XYZ color 66.1994, 66.1381, 59.7289 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 66.1994, 66.1381, 59.7289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

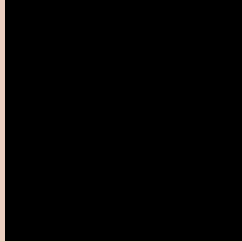
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1994, 66.1381, 59.7289

Background



This preview shows how black text looks on a background with the XYZ color 66.1994, 66.1381, 59.7289.



This preview shows how white text looks on a background with the XYZ color 66.1994, 66.1381,

59.7289.

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

66.1994, 66.1381, 59.7289

Protanopia

63.0225, 66.2881, 61.6978

Deuteranopia

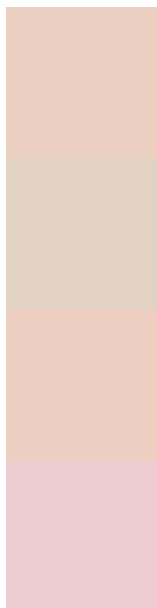
67.3921, 66.0382, 59.6468



Tritanopia

69.4020, 66.0035, 76.0999

Trichromacy



Original Color

66.1994, 66.1381, 59.7289

Protanomaly

63.9483, 66.0409, 61.0065

Deuteranomaly

66.9568, 66.1700, 59.6952

Tritanomaly

68.1508, 65.8434, 70.0899

Monochromacy



Original Color

66.1994, 66.1381, 59.7289

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5590, 66.5744, 67.8400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1994, 66.1381, 59.7289 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(235, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 193)  
}
```

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(235, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 193) }
```

Border

The CSS property to change the border of an element to XYZ 66.1994, 66.1381, 59.7289 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(235, 207, 193) }
```


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

```
.border{ border-color:rgb(235, 207, 193) }
```

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

Here you see how a box with a 4 pixel rgb(235, 207, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1994, 66.1381, 59.7289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 193) }
```

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

```
.background{ background-color: rgb(235,  
207, 193) }
```

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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