

Converting Colors

XYZ(65.0296, 66.4205, 66.8601)

Have a look what the booklet for
XYZ(65.0296, 66.4205, 66.8601)
contains.

XYZ(65.1174, 66.5085, 67.1630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.1174, 66.5085,
67.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D2CD
RGB	225, 210, 205
RGB Percent	88%, 82%, 80%
CMY	0.1176, 0.1764, 0.1961
CMYK	0.00, 0.07, 0.09, 0.12
HSL	15°, 25%, 84%
HSV	15°, 9%, 88%
XYZ	65.1174, 66.5085, 67.1630
YIQ	213.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

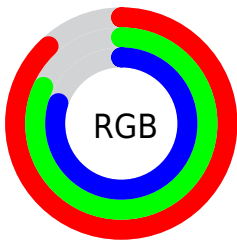
Format	Color
R _Y B	225, 212, 205
Decimal	14799565
CIE Lab	85.26, 4.34, 4.33
CIE LCh	85, 6.127, 44.944
Yxy	66.5085, 0.3276, 0.3346
Android (android.graphics.Color)	4292989645 (0xFFE1D2CD)
YUV	213.9150, -4.3951, 9.7215
Hunter-Lab	81.5527, -0.1904, 8.2585

Details

The XYZ color **65.1174, 66.5085, 67.1630** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3605, 69.6007, 81.2771**, and the grayscale version is **63.8846, 67.2115, 73.1934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0519, 34.5573, 34.1537** is the 20% darker color. If you saturate the color by 10%, you get **58.6469, 57.6054, 52.5561**, and if you desaturate by 10%, it is **72.4214, 76.4519, 83.9763**.

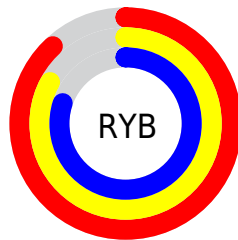
Distribution



Red (88%)

Green (82%)

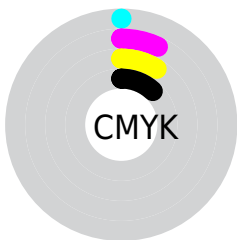
Blue (80%)



Red (88%)

Yellow (83%)

Blue (80%)

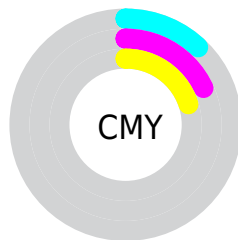


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1174, 66.5085, 67.1630 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 65.1174, 66.5085, 67.1630 by changing the saturation by 10% instead.

65.1174, 66.5085,
67.1630

65.1174, 66.5085,
67.1630

432.7523,
448.1933, 469.0420

47.8213, 48.6853,
48.7547

111.2834,
114.2159, 116.7968

33.8961, 34.3699,
34.0607

140.8840,
144.8688, 148.8594

22.9763, 23.1779,
22.6625

175.3169,
180.5671, 186.3104

14.6966, 14.7249,
14.1415

214.9474,
221.6952, 229.5685

8.6917, 8.6266,
8.0793

260.1408,
268.6375, 279.0522

4.5961, 4.4984,
4.0572

311.2625,

2.0446, 1.9561,

321.7783, 335.1800

1.6568

368.6779,
381.5021, 398.3704

■ 0.6588, 0.5818,
0.3309

■ 0.0000, 0.0000,
0.0000

■ 65.1174, 66.5085,
67.1630

■ 65.1174, 66.5085,
67.1630

■ 58.6469, 57.6054,
52.5561

■ 72.4214, 76.4519,
83.9763

■ 52.9741, 49.7001,
40.0594

■ 80.5818, 87.4591,
103.0781

■ 48.0690, 42.7600,
29.5759

■ 84.8617, 94.7477,
108.4232

■ 43.8972, 36.7474,
20.9993

■ 40.4219, 31.6220,
14.2136

■ 37.6025, 27.3406,
9.0899

■ 35.3943, 23.8558,
5.4817

■ 33.7459, 21.1155,
3.2168

■ 32.5870, 19.0564,
2.0325

Harmonies

Analogous

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



65.8215, 66.5085, 70.4681



65.1174, 66.5085, 67.1630



63.9084, 66.5085, 65.3006

Triad

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



65.1174, 66.5085, 67.1630



60.6782, 66.5085, 70.4539



63.9033, 66.5085, 80.0354

Complementary

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



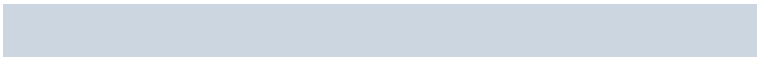
65.1174, 66.5085, 67.1630



64.3605, 69.6007, 81.2771

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.



62.5253, 66.5085, 80.0313



65.1174, 66.5085, 67.1630



60.6769, 66.5085, 74.4004

Square

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



65.1174, 66.5085, 67.1630



61.3523, 66.5085, 67.1529



61.3487, 66.5085, 77.9369



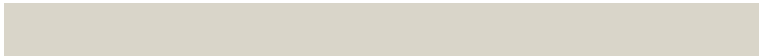
65.1136, 66.5085, 77.9480

Rectangle

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



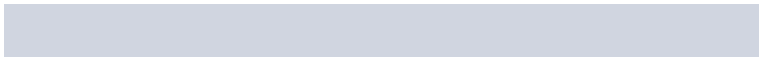
65.1174, 66.5085, 67.1630



62.9852, 66.5085, 65.0831



61.3487, 66.5085, 77.9369



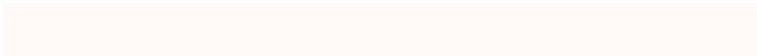
63.4440, 66.5085, 80.2810

Sweetspot

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



65.1192, 66.5114, 67.1644



92.0399, 95.9117, 101.9409



65.8018, 64.8385, 76.7580



19.5319, 20.2998, 21.4314



0.0000, 0.0000, 0.0000



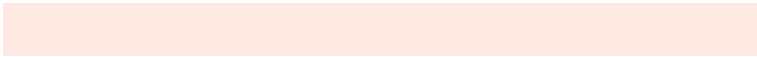
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1192, 66.5114, 67.1644



84.5119, 85.6307, 84.7110



67.6649, 71.6027, 68.0130



13.9845, 14.2549, 14.3212



18.7947, 11.0273, 1.1379



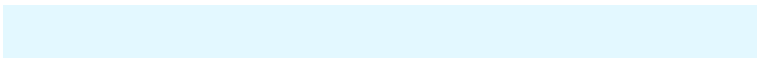
1.3732, 0.9053, 0.1024

Inverse Universe

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



64.3605, 69.6007, 81.2771



83.2747, 90.6665, 107.7191



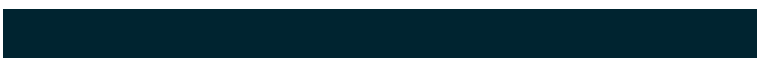
61.8150, 64.5096, 80.4286



13.8110, 14.9611, 17.5476



16.0731, 19.6157, 43.9874



1.1837, 1.4988, 3.0722

Previews

White Background



This preview shows how the XYZ color 65.1174, 66.5085, 67.1630 looks on a white background.

Color Contrast Check

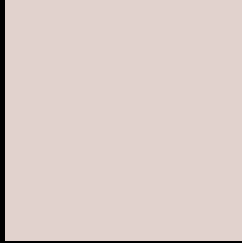
Large Text (above 18pt) WCAG AA × Fail

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 65.1174, 66.5085, 67.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

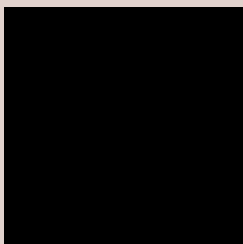
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

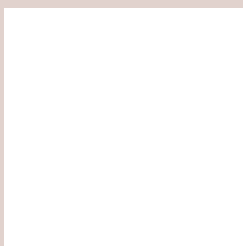
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1174, 66.5085, 67.1630

Background



This preview shows how black text looks on a background with the XYZ color 65.1174, 66.5085, 67.1630.



This preview shows how white text looks on a background with the XYZ color 65.1174, 66.5085,

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

65.1174, 66.5085, 67.1630

Protanopia

63.5975, 66.4486, 67.8664

Deuteranopia

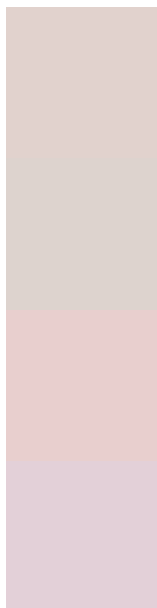
67.8040, 66.4317, 67.6415



Tritanopia

67.6270, 66.4473, 79.0733

Trichromacy



Original Color

65.1174, 66.5085, 67.1630

Protanomaly

64.2536, 66.4169, 67.8257

Deuteranomaly

66.7321, 66.2377, 67.6605

Tritanomaly

66.6291, 66.4005, 74.2706

Monochromacy



Original Color

65.1174, 66.5085, 67.1630

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4656, 67.1971, 71.2006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1174, 66.5085, 67.1630 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(225, 210, 205) looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 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(225, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 205) }
```

Border

The CSS property to change the border of an element to XYZ 65.1174, 66.5085, 67.1630 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(225, 210, 205) }
```


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

```
.border{ border-color:rgb(225, 210, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1174, 66.5085, 67.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 205) }
```

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

```
.background{ background-color: rgb(225,  
210, 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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