

Converting Colors

XYZ(64.9455, 68.3321, 74.3904)

Have a look what the booklet for
XYZ(64.9455, 68.3321, 74.3904)
contains.

XYZ(65.1405, 68.6170, 74.1011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(65.1405, 68.6170,
74.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D8D7
RGB	216, 216, 215
RGB Percent	85%, 85%, 84%
CMY	0.1529, 0.1529, 0.1569
CMYK	0.00, 0.00, 0.00, 0.15
HSL	60°, 1%, 85%
HSV	60°, 0%, 85%
XYZ	65.1405, 68.6170, 74.1011
YIQ	215.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

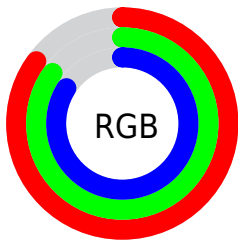
Format	Color
R_{YB}	215, 216, 215
Decimal	14211287
CIE Lab	86.31, -0.18, 0.48
CIE LCh	86, 0.513, 110.012
Yxy	68.6170, 0.3134, 0.3301
Android (android.graphics.Color)	4292401367 (0xFFD8D8D7)
YUV	215.8860, -0.4368, 0.1000
Hunter-Lab	82.8354, -4.5922, 4.9464

Details

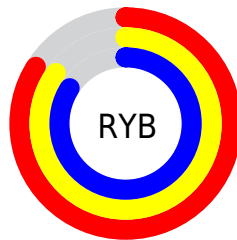
The XYZ color **65.1405, 68.6170, 74.1011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7221, 68.0077, 74.6849**, and the grayscale version is **65.1971, 68.5924, 74.6971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7880, 35.6049, 38.3493** is the 20% darker color. If you saturate the color by 10%, you get **62.5213, 67.5685, 60.4337**, and if you desaturate by 10%, it is **68.1301, 69.8180, 89.7016**.

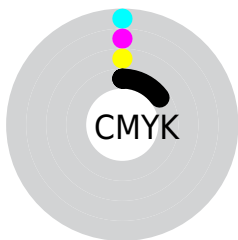
Distribution



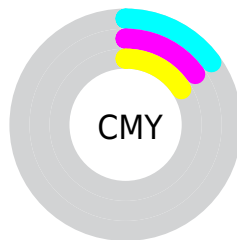
- Red (85%)
- Green (85%)
- Blue (84%)



- Red (84%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1405, 68.6170, 74.1011 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 65.1405, 68.6170, 74.1011 by changing the saturation by 10% instead.

■ 65.1405, 68.6170,
74.1011

■ 65.1405, 68.6170,
74.1011

432.8339,
455.6790, 493.9950

■ 47.8401, 50.3999,
54.3795

111.3164,
117.2344, 126.7745

■ 33.9110, 35.7312,
38.5099

140.9227,
148.4034, 160.5633

■ 22.9878, 24.2267,
26.0738

175.3616,
184.6585, 199.8784

■ 14.7052, 15.5019,
16.6526

214.9986,
226.3841, 245.1381

■ 8.6977, 9.1724,
9.8278

260.1990,
273.9645, 296.7611

■ 4.6000, 4.8538,
5.1808

311.3281,

■ 2.0469, 2.1617,

327.7842, 355.1659

2.2931

368.7513,
388.2276, 420.7710

■ 0.6601, 0.6990,
0.7274

■ 0.0000, 0.0000,
0.0000

■ 65.1405, 68.6170,
74.1011

■ 65.1405, 68.6170,
74.1011

■ 62.5213, 67.5685,
60.4337

■ 68.1301, 69.8180,
89.7016

■ 60.2525, 66.6580,
48.6200

■ 70.9778, 70.9600,
104.5635

■ 58.3208, 65.8824,
38.5814

■ 71.0035, 70.9733,
104.5647

■ 56.7099, 65.2351,
30.2322

■ 71.0292, 70.9865,
104.5659

■ 55.4022, 64.7091,
23.4797

■ 71.0549, 70.9998,
104.5671

■ 54.3784, 64.2966,
18.2220

■ 71.0806, 71.0130,
104.5683

■ 53.6170, 63.9891,
14.3456

■ 71.1064, 71.0263,
104.5695

■ 53.0932, 63.7766,
11.7208

■ 71.1321, 71.0396,
104.5707

■ 52.7779, 63.6475,
10.1935

■ 71.1579, 71.0529,
104.5719

Harmonies

Analogous

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



65.2579, 68.6170, 74.0718



65.1405, 68.6170, 74.1011



65.0441, 68.6170, 74.2939

Triad

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



65.1405, 68.6170, 74.1011



65.0722, 68.6170, 75.2131



65.4429, 68.6170, 74.8254

Complementary

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



65.1405, 68.6170, 74.1011



64.7221, 68.0077, 74.6849

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.



65.3930, 68.6170, 75.1322



65.1405, 68.6170, 74.1011



65.1789, 68.6170, 75.3564

Square

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



65.1405, 68.6170, 74.1011



65.0047, 68.6170, 74.9357



65.2964, 68.6170, 75.3267



65.4326, 68.6170, 74.4893

Rectangle

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



65.1405, 68.6170, 74.1011



65.0046, 68.6170, 74.4895



65.2964, 68.6170, 75.3267



65.4326, 68.6170, 74.9354

Sweetspot

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



65.1424, 68.6200, 74.1026

95.0500, 100.0000, 108.9000



64.8872, 68.1078, 74.0172



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



65.1424, 68.6200, 74.1026



94.6383, 99.8349, 106.7519



64.9956, 68.5442, 74.0957



13.9461, 14.7092, 15.7477



31.1475, 37.6335, 5.6223



1.8803, 2.2707, 0.3392

Inverse Universe

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



64.7221, 68.0077, 74.6849



93.3137, 97.9053, 108.5872



64.8686, 68.0832, 74.6918



13.7639, 14.4439, 16.0000



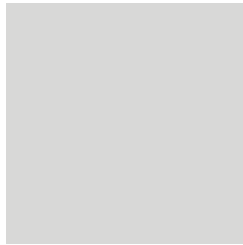
7.3450, 2.9390, 38.6333



0.4447, 0.1781, 2.3303

Previews

White Background



This preview shows how the XYZ color 65.1405, 68.6170, 74.1011 looks on a white background.

Color Contrast Check

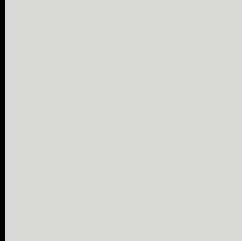
Large Text (above 18pt) WCAG AA × Fail

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 65.1405, 68.6170, 74.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

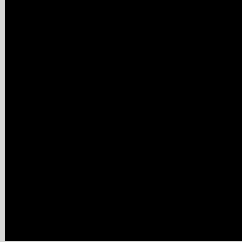
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

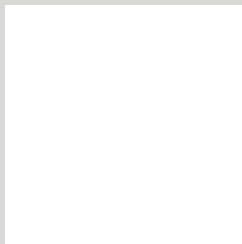
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1405, 68.6170, 74.1011

Background



This preview shows how black text looks on a background with the XYZ color 65.1405, 68.6170, 74.1011.

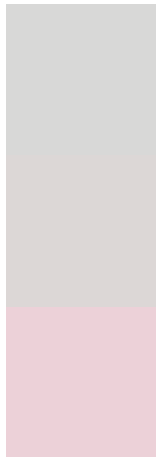


This preview shows how white text looks on a background with the XYZ color 65.1405, 68.6170,

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

65.1405, 68.6170, 74.1011

Protanopia

65.9532, 68.6716, 73.3972

Deuteranopia

69.7872, 68.3917, 74.4885



Tritanopia

67.2429, 68.7117, 84.5815

Trichromacy



Original Color

65.1405, 68.6170, 74.1011

Protanomaly

65.6515, 68.5160, 73.3830

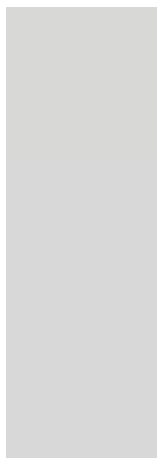
Deuteranomaly

68.2513, 68.7028, 74.6295

Tritanomaly

66.5063, 68.7888, 81.0065

Monochromacy



Original Color

65.1405, 68.6170, 74.1011

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2694, 68.6685, 74.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1405, 68.6170, 74.1011 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(216, 216, 215) looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 215)  
}
```

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(216, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.1405, 68.6170, 74.1011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

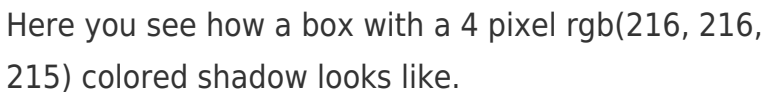
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 216, 215) }
```

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

```
.border{ border-color:rgb(216, 216, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 216, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 216, 215); box-shadow:4px 4px 4px 4px rgb(216, 216, 215) }
```


Background

The CSS property to change the background color of an element to XYZ 65.1405, 68.6170, 74.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 215) }
```

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

```
.background{ background-color: rgb(216,  
216, 215) }
```

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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