

Converting Colors

XYZ(61.3452, 64.7675, 64.9901)

Have a look what the booklet for
XYZ(61.3452, 64.7675, 64.9901)
contains.

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Color

**XYZ(61.1478, 64.5036,
65.1047)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2CA
RGB	213, 210, 202
RGB Percent	84%, 82%, 79%
CMY	0.1647, 0.1764, 0.2078
CMYK	0.00, 0.01, 0.05, 0.16
HSL	44°, 12%, 81%
HSV	44°, 5%, 84%
XYZ	61.1478, 64.5036, 65.1047
YIQ	209.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

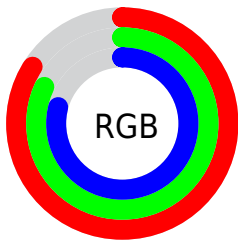
Format	Color
R _Y B	206, 213, 202
Decimal	14013130
CIE Lab	84.23, -0.38, 4.31
CIE LCh	84, 4.330, 95.013
Yxy	64.5036, 0.3206, 0.3381
Android (android.graphics.Color)	4292203210 (0xFFD5D2CA)
YUV	209.9850, -3.9366, 2.6442
Hunter-Lab	80.3141, -4.6473, 8.1579

Details

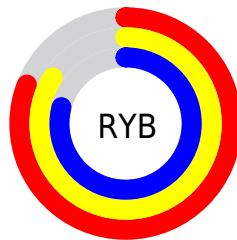
The XYZ color **61.1478, 64.5036, 65.1047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1986, 61.0222, 71.6625**, and the grayscale version is **61.2733, 64.4642, 70.2016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3343, 33.1842, 32.7707** is the 20% darker color. If you saturate the color by 10%, you get **57.3921, 60.7531, 52.2572**, and if you desaturate by 10%, it is **65.3071, 68.5029, 79.8057**.

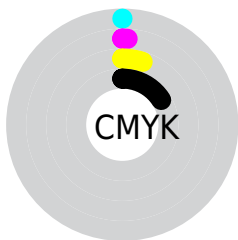
Distribution



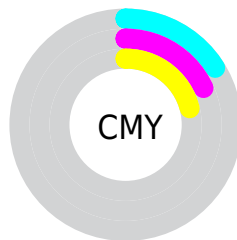
- Red (84%)
- Green (82%)
- Blue (79%)



- Red (81%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1478, 64.5036, 65.1047 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 61.1478, 64.5036, 65.1047 by changing the saturation by 10% instead.

■ 61.1478, 64.5036,
65.1047

■ 61.1478, 64.5036,
65.1047

418.5830,
441.0060, 461.4846

■ 44.5975, 47.0587,
47.0941

105.5898,
111.3359, 113.8151

■ 31.3404, 33.0820,
32.7552

134.2122,
141.4920, 145.3520

■ 21.0113, 22.1893,
21.6694

167.5893,
176.6541, 182.2347

■ 13.2448, 13.9961,
13.4182

206.0864,
217.2063, 224.8817

■ 7.6755, 8.1179,
7.5830

250.0690,
263.5333, 273.7117

■ 3.9380, 4.1705,
3.7454

299.9024,

■ 1.6671, 1.7694,

316.0193, 329.1432

1.4867

355.9520,
375.0487, 391.5946

■ 0.4356, 0.4680,
0.2080

■ 0.0000, 0.0000,
0.0000

■ 61.1478, 64.5036,
65.1047

■ 61.1478, 64.5036,
65.1047

■ 57.3921, 60.7531,
52.2572

■ 65.3071, 68.5029,
79.8057

■ 54.0201, 57.2361,
41.1843

■ 69.8787, 72.7488,
96.4267

■ 51.0177, 53.9483,
31.8073

■ 73.0718, 76.5283,
105.5279

■ 48.3681, 50.8821,
24.0403

■ 74.6892, 79.7629,
106.0670

■ 46.0531, 48.0292,
17.7896

■ 76.3605, 83.1057,
106.6241

■ 44.0523, 45.3807,
12.9516

■ 78.0864, 86.5574,
107.1994

■ 42.3432, 42.9264,
9.4101

■ 79.8673, 90.1192,
107.7930

■ 40.8995, 40.6550,
7.0298

■ 81.2509, 92.8863,
108.2542

■ 39.6892, 38.5527,
5.6454

Harmonies

Analogous

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



62.0907, 64.5036, 65.5563



61.1478, 64.5036, 65.1047



60.2572, 64.5036, 65.9979

Triad

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



61.1478, 64.5036, 65.1047



59.8114, 64.5036, 73.3062



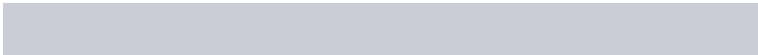
62.9947, 64.5036, 72.4871

Complementary

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



61.1478, 64.5036, 65.1047



58.1986, 61.0222, 71.6625

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.



62.3725, 64.5036, 74.6465



61.1478, 64.5036, 65.1047



60.5334, 64.5036, 75.1280

Square

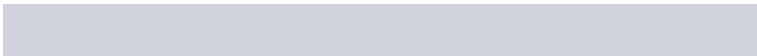
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1478, 64.5036, 65.1047



59.4907, 64.5036, 70.6958



61.4700, 64.5036, 75.6247



63.1634, 64.5036, 69.7731

Rectangle

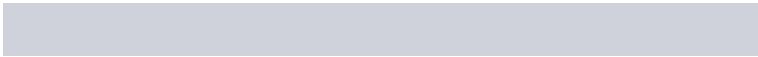
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.1478, 64.5036, 65.1047



59.8109, 64.5036, 67.2498



61.4700, 64.5036, 75.6247



62.8314, 64.5036, 73.3041

Sweetspot

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



61.1496, 64.5064, 65.1061



93.7981, 98.7928, 104.4855



59.5954, 60.8015, 66.4272



20.0898, 21.1585, 22.4104



0.0000, 0.0000, 0.0000



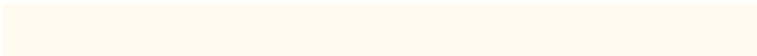
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1496, 64.5064, 65.1061



91.3687, 96.4235, 96.0006



61.2099, 65.6458, 65.3228



13.4140, 14.1594, 13.9821



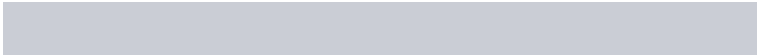
24.0096, 23.1364, 3.2003



1.5153, 1.5298, 0.2154

Inverse Universe

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



58.1986, 61.0222, 71.6625



86.1941, 90.3141, 107.4972



58.1387, 59.9377, 71.4563



12.5874, 13.1835, 15.8188



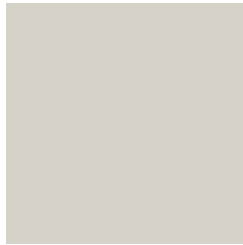
8.3343, 4.9303, 38.9655



0.5716, 0.4353, 2.3732

Previews

White Background



This preview shows how the XYZ color 61.1478, 64.5036, 65.1047 looks on a white background.

Color Contrast Check

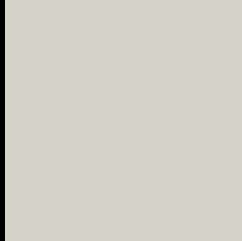
Large Text (above 18pt) WCAG AA × Fail

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 61.1478, 64.5036, 65.1047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

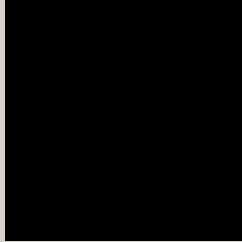
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

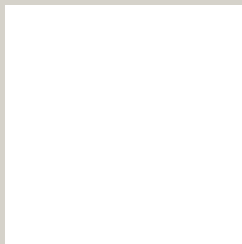
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1478, 64.5036, 65.1047

Background



This preview shows how black text looks on a background with the XYZ color 61.1478, 64.5036, 65.1047.

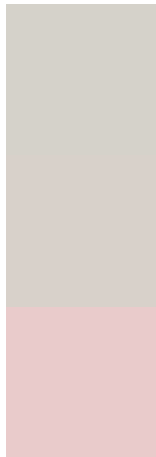


This preview shows how white text looks on a background with the XYZ color 61.1478, 64.5036,

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

61.1478, 64.5036, 65.1047

Protanopia

61.7800, 64.4641, 65.0638

Deuteranopia

65.7397, 64.3473, 65.4553



Tritanopia

63.9510, 64.5523, 78.9013

Trichromacy



Original Color

61.1478, 64.5036, 65.1047

Protanomaly

61.4855, 64.3123, 65.0500

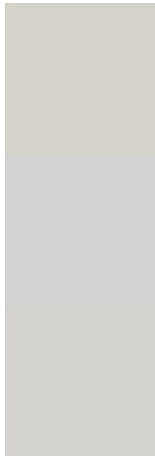
Deuteranomaly

64.2148, 64.6232, 65.5889

Tritanomaly

62.8459, 64.4651, 73.4207

Monochromacy



Original Color

61.1478, 64.5036, 65.1047

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1730, 64.4471, 68.2468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1478, 64.5036, 65.1047 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(213, 210, 202) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 202)  
}
```

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(213, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 202) }
```

Border

The CSS property to change the border of an element to XYZ 61.1478, 64.5036, 65.1047 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(213, 210, 202) }
```


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

```
.border{ border-color:rgb(213, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1478, 64.5036, 65.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 202) }
```

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

```
.background{ background-color: rgb(213,  
210, 202) }
```

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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