

Converting Colors

XYZ(61.5803, 64.9143, 68.6191)

Have a look what the booklet for
XYZ(61.5803, 64.9143, 68.6191)
contains.

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Color

**XYZ(61.7081, 65.0906,
68.3429)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D3CF
RGB	212, 211, 207
RGB Percent	83%, 83%, 81%
CMY	0.1686, 0.1725, 0.1882
CMYK	0.00, 0.00, 0.02, 0.17
HSL	48°, 5%, 82%
HSV	48°, 2%, 83%
XYZ	61.7081, 65.0906, 68.3429
YIQ	210.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

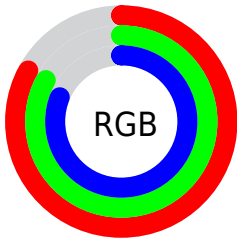
Format	Color
R _Y B	208, 212, 207
Decimal	13947855
CIE Lab	84.53, -0.37, 2.09
CIE LCh	85, 2.120, 100.066
Yxy	65.0906, 0.3162, 0.3336
Android (android.graphics.Color)	4292137935 (0xFFD4D3CF)
YUV	210.8430, -1.8946, 1.0147
Hunter-Lab	80.6787, -4.6600, 6.2506

Details

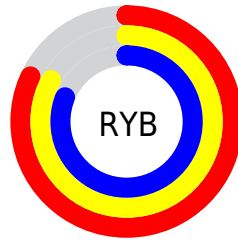
The XYZ color **61.7081, 65.0906, 68.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1716, 63.1296, 71.3019**, and the grayscale version is **61.8261, 65.0458, 70.8349**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7114, 33.5819, 34.9476** is the 20% darker color. If you saturate the color by 10%, you get **58.2537, 62.0542, 55.2512**, and if you desaturate by 10%, it is **65.5418, 68.3269, 83.2797**.

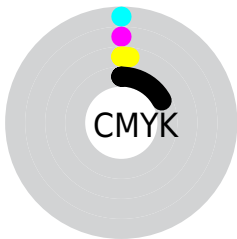
Distribution



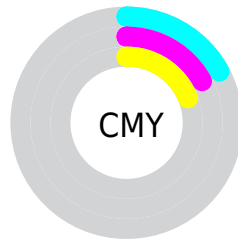
- Red (83%)
- Green (83%)
- Blue (81%)



- Red (82%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7081, 65.0906, 68.3429 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 61.7081, 65.0906, 68.3429 by changing the saturation by 10% instead.

■ 61.7081, 65.0906,
68.3429

■ 61.7081, 65.0906,
68.3429

420.6001,
443.1175, 473.3410

■ 45.0516, 47.5345,
49.7083

106.3959,
112.1801, 118.5014

■ 31.6995, 33.4584,
34.8121

135.1578,
142.4823, 150.8624

■ 21.2865, 22.4779,
23.2358

168.6856,
177.8021, 188.6360

■ 13.4473, 14.2084,
14.5608

207.3447,
218.5238, 232.2406

■ 7.8164, 8.2658,
8.3685

251.5003,
265.0317, 282.0949

■ 4.0285, 4.2655,
4.2405

301.5178,

■ 1.7183, 1.8232,

317.7104, 338.6174

1.7582

357.7626,
376.9442, 402.2265

■ 0.4677, 0.5015,
0.4002

■ 0.0000, 0.0000,
0.0000

■ 61.7081, 65.0906,
68.3429

■ 61.7081, 65.0906,
68.3429

■ 58.2537, 62.0542,
55.2512

■ 65.5418, 68.3269,
83.2797

■ 55.1591, 59.2035,
43.9276

■ 69.7626, 71.7604,
100.1257

■ 52.4112, 56.5349,
34.2962

■ 71.7697, 74.3532,
105.1767

■ 49.9942, 54.0417,
26.2739

■ 72.9166, 76.6470,
105.5590

47.8906, 51.7167,
19.7704

74.0919, 78.9975,
105.9507

46.0815, 49.5518,
14.6866

75.2957, 81.4052,
106.3520

44.5454, 47.5382,
10.9116

76.5283, 83.8704,
106.7629

43.2582, 45.6657,
8.3179

77.7898, 86.3935,
107.1834

42.1903, 43.9224,
6.7523

79.0806, 88.9749,
107.6136

Harmonies

Analogous

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



62.1768, 65.0906, 68.4560



61.7081, 65.0906, 68.3429



61.2841, 65.0906, 68.9010

Triad

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



61.7081, 65.0906, 68.3429



61.1744, 65.0906, 72.5596



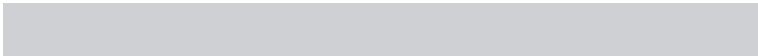
62.7242, 65.0906, 71.7629

Complementary

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



61.7081, 65.0906, 68.3429



60.1716, 63.1296, 71.3019

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.



62.4530, 65.0906, 72.8814



61.7081, 65.0906, 68.3429



61.5576, 65.0906, 73.3454

Square

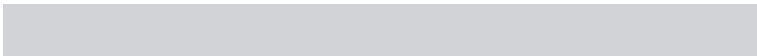
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7081, 65.0906, 68.3429



60.9769, 65.0906, 71.3281



62.0255, 65.0906, 73.4640



62.7650, 65.0906, 70.4191

Rectangle

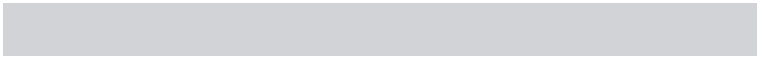
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7081, 65.0906, 68.3429



61.0831, 65.0906, 69.5829



62.0255, 65.0906, 73.4640



62.6569, 65.0906, 72.1782

Sweetspot

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



61.7099, 65.0934, 68.3443



94.4803, 99.5132, 106.6981



60.8502, 63.1778, 68.6628



20.2287, 21.3051, 22.8610



0.0000, 0.0000, 0.0000



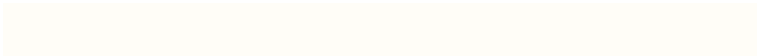
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7099, 65.0934, 68.3443



93.3584, 98.5487, 102.3804



61.5277, 65.3679, 68.4069



13.6939, 14.4666, 14.8542



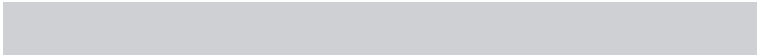
25.6819, 26.4810, 3.7578



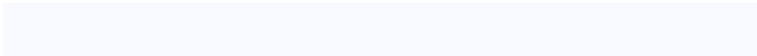
1.6037, 1.7066, 0.2449

Inverse Universe

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



60.1716, 63.1296, 71.3019



90.3680, 94.7312, 108.1298



60.3506, 62.8626, 71.2409



13.1486, 13.7705, 15.9025



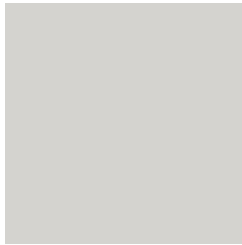
7.9093, 4.0804, 38.8239



0.5362, 0.3644, 2.3614

Previews

White Background



This preview shows how the XYZ color 61.7081, 65.0906, 68.3429 looks on a white background.

Color Contrast Check

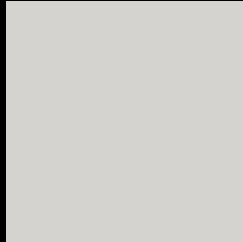
Large Text (above 18pt) WCAG AA × Fail

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 61.7081, 65.0906, 68.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

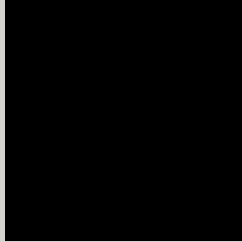
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

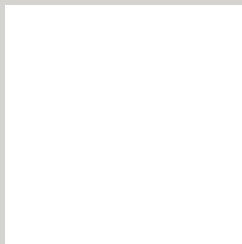
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7081, 65.0906, 68.3429

Background



This preview shows how black text looks on a background with the XYZ color 61.7081, 65.0906, 68.3429.

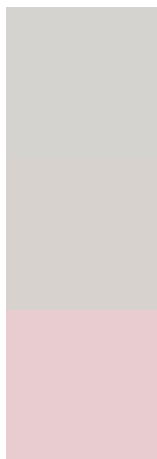


This preview shows how white text looks on a background with the XYZ color 61.7081, 65.0906, 68.3429.

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

61.7081, 65.0906, 68.3429

Protanopia

62.5061, 65.1483, 67.6730

Deuteranopia

66.2567, 64.8956, 68.7085



Tritanopia

64.1708, 64.9951, 80.3973

Trichromacy



Original Color

61.7081, 65.0906, 68.3429

Protanomaly

62.2115, 64.9965, 67.6592

Deuteranomaly

64.7493, 65.1873, 68.8443

Tritanomaly

63.1869, 64.9590, 75.5377

Monochromacy



Original Color

61.7081, 65.0906, 68.3429

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7911, 65.0906, 70.2798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7081, 65.0906, 68.3429 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(212, 211, 207) looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 207)  
}
```

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(212, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.7081, 65.0906, 68.3429 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(212, 211, 207) }
```


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

```
.border{ border-color:rgb(212, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7081, 65.0906, 68.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 207) }
```

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

```
.background{ background-color: rgb(212,  
211, 207) }
```

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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