

Converting Colors

XYZ(61.0115, 67.3396, 76.2076)

Have a look what the booklet for
XYZ(61.0115, 67.3396, 76.2076)
contains.

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Color

**XYZ(61.0150, 67.2105,
76.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DADA
RGB	198, 218, 218
RGB Percent	78%, 85%, 85%
CMY	0.2235, 0.1451, 0.1451
CMYK	0.09, 0.00, 0.00, 0.15
HSL	180°, 21%, 82%
HSV	180°, 9%, 85%
XYZ	61.0150, 67.2105, 76.0868
YIQ	212.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

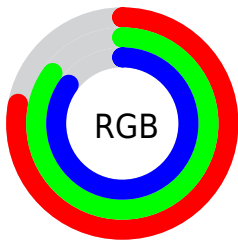
Format	Color
RYB	198, 208, 218
Decimal	13032154
CIELab	85.61, -6.65, -2.29
CIElCh	86, 7.034, 198.989
Yxy	67.2105, 0.2986, 0.3290
Android (android.graphics.Color)	4291222234 (0xFFC6DADA)
YUV	212.0200, 2.9481, -12.2955
Hunter-Lab	81.9820, -10.6201, 2.3609

Details

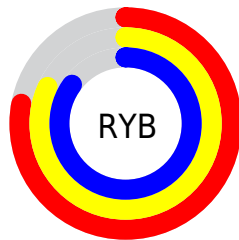
The XYZ color **61.0150, 67.2105, 76.0868** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3030, 59.3726, 61.7636**, and the grayscale version is **62.5809, 65.8400, 71.6997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2097, 34.7680, 39.7163** is the 20% darker color. If you saturate the color by 10%, you get **55.6774, 64.4607, 75.8361**, and if you desaturate by 10%, it is **67.1836, 70.3923, 76.3792**.

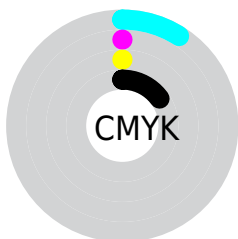
Distribution



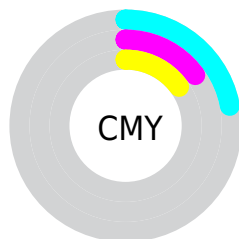
- Red (78%)
- Green (85%)
- Blue (85%)



- Red (78%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0150, 67.2105, 76.0868 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 61.0150, 67.2105, 76.0868 by changing the saturation by 10% instead.

■ 61.0150, 67.2105,
76.0868

■ 61.0150, 67.2105,
76.0868

418.1040,
450.6937, 500.9995

■ 44.4899, 49.2557,
55.9966

105.3986,
115.2220, 129.6108

■ 31.2554, 34.8224,
39.7962

133.9879,
146.0475, 163.8817

■ 20.9462, 23.5261,
27.0671

167.3291,
181.9320, 203.7166

■ 13.1969, 14.9824,
17.3908

205.7879,
223.2599, 249.5340

■ 7.6422, 8.8071,
10.3486

249.7293,
270.4156, 301.7524

■ 3.9167, 4.6155,
5.5221

299.5190,

■ 1.6551, 2.0235,

323.7836, 360.7905

2.4927

355.5221,
383.7481, 427.0666

■ 0.4279, 0.6211,
0.8363

■ 0.0000, 0.0000,
0.0000

■ 61.0150, 67.2105,
76.0868

■ 61.0150, 67.2105,
76.0868

■ 55.6774, 64.4607,
75.8361

■ 67.1836, 70.3923,
76.3792

■ 51.1297, 62.1164,
75.6209

■ 74.2104, 74.0147,
76.7104

■ 47.3363, 60.1608,
75.4410

■ 78.9691, 76.4678,
76.9355

■ 44.2563, 58.5731,
75.2945

■ 78.9695, 76.4680,
76.9378

41.8453, 57.3302,
75.1793

78.9700, 76.4682,
76.9402

40.0534, 56.4066,
75.0931

78.9704, 76.4684,
76.9426

38.8244, 55.7730,
75.0333

78.9709, 76.4686,
76.9449

38.0913, 55.3952,
74.9966

78.9713, 76.4687,
76.9473

37.7462, 55.2173,
74.9781

78.9718, 76.4689,
76.9497

Harmonies

Analogous

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



60.9076, 67.2105, 71.5100



61.0150, 67.2105, 76.0868



61.8829, 67.2105, 80.0362

Triad

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



61.0150, 67.2105, 76.0868



66.2325, 67.2105, 79.1192



64.4713, 67.2105, 64.8644

Complementary

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



61.0150, 67.2105, 76.0868



59.3030, 59.3726, 61.7636

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.



65.9228, 67.2105, 66.7285



61.0150, 67.2105, 76.0868



66.9508, 67.2105, 74.8775

Square

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



61.0150, 67.2105, 76.0868



64.8884, 67.2105, 81.8369



66.8365, 67.2105, 70.3498



62.8852, 67.2105, 65.1577

Rectangle

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



61.0150, 67.2105, 76.0868



62.7843, 67.2105, 81.7223



66.8365, 67.2105, 70.3498



64.9916, 67.2105, 65.2562

Sweetspot

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



61.0169, 67.2133, 76.0883



92.2911, 98.5778, 108.7699



58.6431, 66.2739, 63.1285



19.6003, 21.0204, 23.2740



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.



61.0169, 67.2133, 76.0883



85.4721, 95.0625, 108.4480



58.5828, 62.3443, 75.2789



13.4448, 14.8296, 16.8054



22.5993, 33.0724, 44.9170



1.4641, 2.1426, 2.9101

Inverse Universe

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



59.3030, 59.3726, 61.7636



82.5542, 81.7144, 84.0614



61.5836, 63.9344, 62.5220



13.0562, 13.0516, 13.5571



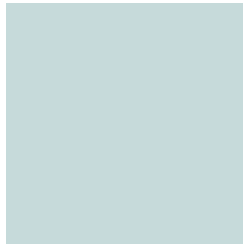
17.3223, 8.9300, 0.8115



1.1223, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 61.0150, 67.2105, 76.0868 looks on a white background.

Color Contrast Check

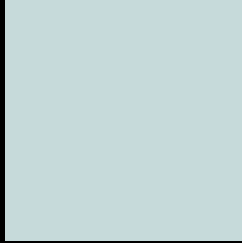
Large Text (above 18pt) WCAG AA × Fail

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 61.0150, 67.2105, 76.0868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

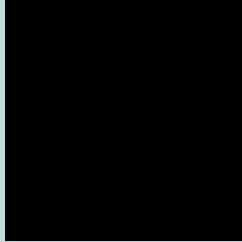
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

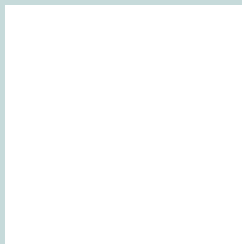
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0150, 67.2105, 76.0868

Background



This preview shows how black text looks on a background with the XYZ color 61.0150, 67.2105, 76.0868.



This preview shows how white text looks on a background with the XYZ color 61.0150, 67.2105,

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

61.0150, 67.2105, 76.0868

Protanopia

64.6753, 67.2465, 73.8611

Deuteranopia

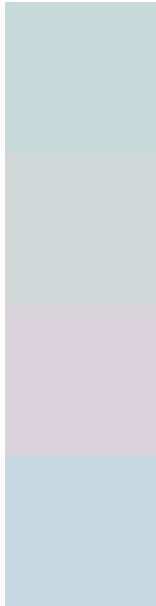
68.1861, 66.7819, 77.0065



Tritanopia

63.3512, 67.4124, 86.7637

Trichromacy



Original Color

61.0150, 67.2105, 76.0868

Protanomaly

63.2735, 67.2604, 74.6134

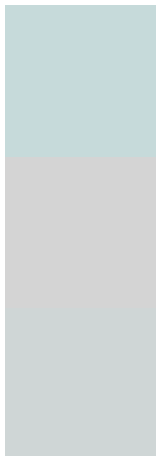
Deuteranomaly

65.2939, 66.7631, 76.4630

Tritanomaly

62.6359, 67.5065, 83.1276

Monochromacy



Original Color

61.0150, 67.2105, 76.0868

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9163, 66.2136, 73.1355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0150, 67.2105, 76.0868 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(198, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 218)  
}
```

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(198, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.0150, 67.2105, 76.0868 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(198, 218, 218) }
```


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

```
.border{ border-color:rgb(198, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0150, 67.2105, 76.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 218) }
```

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

```
.background{ background-color: rgb(198,  
218, 218) }
```

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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