

Converting Colors

XYZ(61.1615, 66.5056, 76.6311)

Have a look what the booklet for
XYZ(61.1615, 66.5056, 76.6311)
contains.

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Color

**XYZ(61.1615, 66.5056,
76.6311)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D8DB
RGB	200, 216, 219
RGB Percent	78%, 85%, 86%
CMY	0.2157, 0.1529, 0.1412
CMYK	0.09, 0.01, 0.00, 0.14
HSL	189°, 21%, 82%
HSV	189°, 9%, 86%
XYZ	61.1615, 66.5056, 76.6311
YIQ	211.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

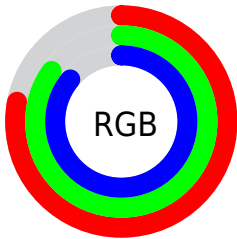
Format	Color
R _Y B	200, 209, 219
Decimal	13162715
CIE Lab	85.25, -4.77, -3.33
CIE LCh	85, 5.815, 214.884
Yxy	66.5056, 0.2994, 0.3255
Android (android.graphics.Color)	4291352795 (0xFFC8D8DB)
YUV	211.5580, 3.6689, -10.1364
Hunter-Lab	81.5510, -8.8430, 1.3726

Details

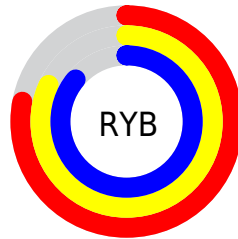
The XYZ color **61.1615, 66.5056, 76.6311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9950, 61.9417, 63.3859**, and the grayscale version is **62.2691, 65.5119, 71.3425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2998, 34.2811, 40.0892** is the 20% darker color. If you saturate the color by 10%, you get **54.8512, 61.9544, 76.0863**, and if you desaturate by 10%, it is **68.3320, 71.5315, 77.2243**.

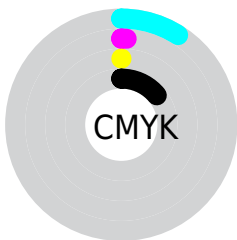
Distribution



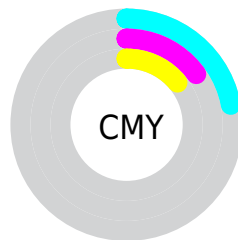
- Red (78%)
- Green (85%)
- Blue (86%)



- Red (78%)
- Yellow (82%)
- Blue (86%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1615, 66.5056, 76.6311 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 61.1615, 66.5056, 76.6311 by changing the saturation by 10% instead.

■ 61.1615, 66.5056,
76.6311

■ 61.1615, 66.5056,
76.6311

418.6324,
448.1829, 502.9096

■ 44.6086, 48.6830,
56.4404

105.6095,
114.2117, 130.3869

■ 31.3492, 34.3680,
40.1498

134.2353,
144.8639, 164.7890

■ 21.0180, 23.1765,
27.3407

167.6161,
180.5615, 204.7654

■ 13.2497, 14.7239,
17.5945

206.1172,
221.6888, 250.7345

■ 7.6789, 8.6258,
10.4929

250.1041,
268.6302, 303.1150

■ 3.9402, 4.4979,
5.6171

299.9420,

■ 1.6684, 1.9558,

321.7700, 362.3253

2.5487

355.9963,
381.4928, 428.7839

■ 0.4364, 0.5816,
0.8658

■ 0.0000, 0.0000,
0.0000

■ 61.1615, 66.5056,
76.6311

■ 61.1615, 66.5056,
76.6311

■ 54.8512, 61.9544,
76.0863

■ 68.3320, 71.5315,
77.2243

■ 49.3599, 57.8510,
75.5836

■ 76.3904, 77.0411,
77.8630

■ 44.6514, 54.1785,
75.1229

■ 81.3226, 80.9671,
78.3609

■ 40.6845, 50.9153,
74.7022

■ 82.2734, 82.8686,
78.6778

■ 37.4142, 48.0383,
74.3192

■ 83.2432, 84.8083,
79.0011

■ 34.7904, 45.5213,
73.9717

■ 84.2322, 86.7862,
79.3307

■ 32.7565, 43.3349,
73.6569

■ 85.2404, 88.8027,
79.6668

■ 31.2453, 41.4445,
73.3716

■ 86.2680, 90.8578,
80.0093

■ 30.1546, 39.7971,
73.1111

■ 87.3151, 92.9519,
80.3583

Harmonies

Analogous

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



60.7274, 66.5056, 73.0311



61.1615, 66.5056, 76.6311



62.1452, 66.5056, 79.1649

Triad

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



61.1615, 66.5056, 76.6311



65.5270, 66.5056, 75.5283



62.9967, 66.5056, 65.4400

Complementary

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



61.1615, 66.5056, 76.6311



60.9950, 61.9417, 63.3859

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.



64.2901, 66.5056, 66.0569



61.1615, 66.5056, 76.6311



65.7626, 66.5056, 71.7990

Square

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



61.1615, 66.5056, 76.6311



64.6677, 66.5056, 78.5129



65.3070, 66.5056, 68.3532



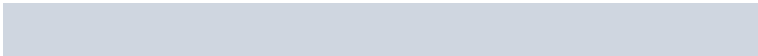
61.7775, 66.5056, 66.6381

Rectangle

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



61.1615, 66.5056, 76.6311



62.9865, 66.5056, 79.8624



65.3070, 66.5056, 68.3532



63.4372, 66.5056, 65.4424

Sweetspot

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



61.1634, 66.5084, 76.6326



91.9076, 97.8104, 108.6430



59.9137, 67.2481, 66.2298



19.4964, 20.8125, 23.2396



0.0000, 0.0000, 0.0000



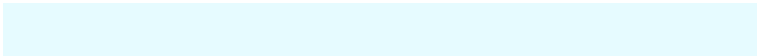
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1634, 66.5084, 76.6326



85.0132, 92.9411, 108.0665



58.8348, 61.8513, 75.8564



13.2609, 14.4615, 16.7446



17.8685, 23.6063, 43.3531



1.2056, 1.6253, 2.8246

Inverse Universe

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



62.2639, 61.3279, 73.5248



86.8070, 84.5394, 102.9913



63.2709, 66.4935, 64.1445



13.5215, 13.2377, 16.0077



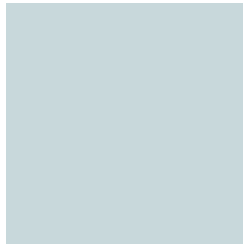
22.5145, 11.0068, 28.1531



1.4828, 0.7228, 1.9515

Previews

White Background



This preview shows how the XYZ color 61.1615, 66.5056, 76.6311 looks on a white background.

Color Contrast Check

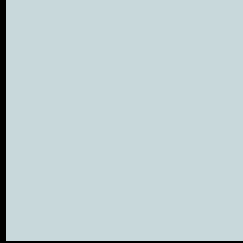
Large Text (above 18pt) WCAG AA × Fail

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 61.1615, 66.5056, 76.6311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

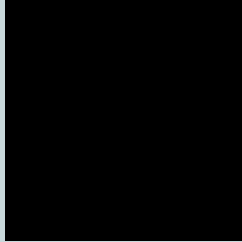
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

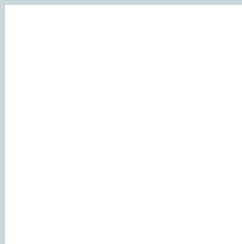
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1615, 66.5056, 76.6311

Background



This preview shows how black text looks on a background with the XYZ color 61.1615, 66.5056, 76.6311.



This preview shows how white text looks on a background with the XYZ color 61.1615, 66.5056,

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

61.1615, 66.5056, 76.6311

Protanopia

63.9625, 66.4919, 74.4288

Deuteranopia

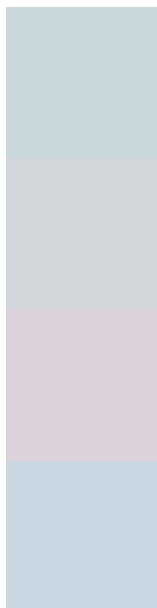
67.7556, 66.1861, 77.6107



Tritanopia

62.8275, 66.4192, 85.1101

Trichromacy



Original Color

61.1615, 66.5056, 76.6311

Protanomaly

62.8970, 66.2999, 75.1278

Deuteranomaly

65.1783, 66.3206, 77.0760

Tritanomaly

62.2530, 66.5644, 82.2402

Monochromacy



Original Color

61.1615, 66.5056, 76.6311

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0724, 65.9047, 73.7393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1615, 66.5056, 76.6311 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(200, 216, 219) looks like.

```
.text, #text, p{  
    color:rgb(200, 216, 219)  
}
```

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(200, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 216, 219) }
```

Border

The CSS property to change the border of an element to XYZ 61.1615, 66.5056, 76.6311 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(200, 216, 219) }
```


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

```
.border{ border-color:rgb(200, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(200, 216,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1615, 66.5056, 76.6311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 216, 219) }
```

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

```
.background{ background-color: rgb(200,  
216, 219) }
```

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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