

Converting Colors

XYZ(60.0600, 66.1466, 64.9586)

Have a look what the booklet for
XYZ(60.0600, 66.1466, 64.9586)
contains.

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Color

**XYZ(60.0003, 66.1661,
64.8673)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD8C9
RGB	204, 216, 201
RGB Percent	80%, 85%, 79%
CMY	0.2000, 0.1529, 0.2118
CMYK	0.06, 0.00, 0.07, 0.15
HSL	108°, 16%, 82%
HSV	108°, 7%, 85%
XYZ	60.0003, 66.1661, 64.8673
YIQ	210.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

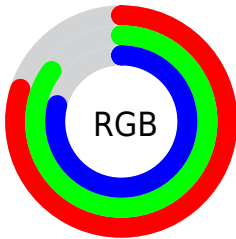
Format	Color
R _Y B	201, 216, 213
Decimal	13424841
CIE Lab	85.08, -6.78, 5.99
CIE LCh	85, 9.044, 138.520
Yxy	66.1661, 0.3141, 0.3464
Android (android.graphics.Color)	4291614921 (0xFFCCD8C9)
YUV	210.7020, -4.7831, -5.8777
Hunter-Lab	81.3425, -10.6834, 9.6585

Details

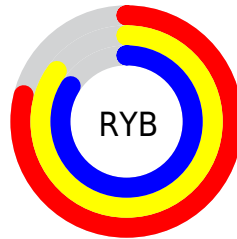
The XYZ color **60.0003, 66.1661, 64.8673** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7244, 60.8791, 73.5194**, and the grayscale version is **61.7534, 64.9694, 70.7517**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5890, 34.0804, 32.5697** is the 20% darker color. If you saturate the color by 10%, you get **53.1594, 62.9147, 52.2028**, and if you desaturate by 10%, it is **67.7279, 69.8372, 79.4414**.

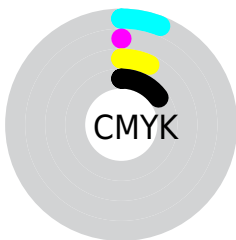
Distribution



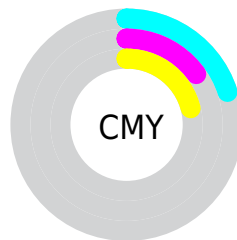
- Red (80%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (85%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0003, 66.1661, 64.8673 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 60.0003, 66.1661, 64.8673 by changing the saturation by 10% instead.

■ 60.0003, 66.1661,
64.8673

■ 60.0003, 66.1661,
64.8673

414.4336,
446.9707, 460.6081

■ 43.6683, 48.4073,
46.9028

103.9364,
113.7247, 113.4705

■ 30.6066, 34.1495,
32.6050

132.2713,
144.2932, 144.9463

■ 20.4499, 23.0085,
21.5554

165.3379,
179.9005, 181.7630

■ 12.8326, 14.5998,
13.3354

203.5015,
220.9308, 224.3390

■ 7.3896, 8.5390,
7.5265

247.1276,
267.7685, 273.0930

■ 3.7554, 4.4417,
3.7101

296.5814,

■ 1.5647, 1.9236,

320.7982, 328.4435

1.4677

352.2282,
380.4041, 390.8090

■ 0.3692, 0.5625,
0.1937

■ 0.0000, 0.0000,
0.0000

■ 60.0003, 66.1661,
64.8673

■ 60.0003, 66.1661,
64.8673

■ 53.1594, 62.9147,
52.2028

■ 67.7279, 69.8372,
79.4414

■ 47.1678, 60.0596,
41.3645

■ 76.3669, 73.9333,
95.9949

■ 41.9934, 57.5880,
32.2695

■ 83.8471, 77.5943,
105.1657

■ 37.6001, 55.4834,
24.8267

■ 33.9489, 53.7277,
18.9369

■ 30.9973, 52.3014,
14.4900

■ 28.6984, 51.1831,
11.3616

■ 26.9989, 50.3486,
9.4063

■ 25.8343, 49.7685,
8.4341

Harmonies

Analogous

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



61.6531, 66.1661, 61.9235



60.0003, 66.1661, 64.8673



59.1286, 66.1661, 69.8345

Triad

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



60.0003, 66.1661, 64.8673



62.1127, 66.1661, 83.6034



66.6758, 66.1661, 68.5394

Complementary

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



60.0003, 66.1661, 64.8673



60.7244, 60.8791, 73.5194

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.



66.8053, 66.1661, 74.2989



60.0003, 66.1661, 64.8673



64.1411, 66.1661, 83.2103

Square

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



60.0003, 66.1661, 64.8673



60.3305, 66.1661, 80.7773



65.8687, 66.1661, 79.7306



65.5186, 66.1661, 63.9634

Rectangle

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



60.0003, 66.1661, 64.8673



59.0949, 66.1661, 73.7182



65.8687, 66.1661, 79.7306



66.8419, 66.1661, 70.3946

Sweetspot

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



60.0021, 66.1689, 64.8687



92.7544, 98.9102, 104.5632



62.6585, 66.4075, 64.7748



19.8773, 21.1823, 22.4262



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.



60.0021, 66.1689, 64.8687



86.1859, 95.7899, 92.2414



59.7252, 65.9641, 67.6607



12.4920, 14.0143, 13.2073



15.1995, 29.4120, 4.8760



0.9851, 1.8092, 0.2973

Inverse Universe

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



60.7244, 60.8791, 73.5194



87.3992, 86.9025, 106.7752



61.0285, 61.1022, 70.5371



12.6985, 12.5015, 15.6813



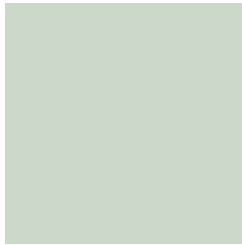
17.6023, 8.2268, 39.1133



1.1249, 0.5288, 2.3621

Previews

White Background



This preview shows how the XYZ color 60.0003, 66.1661, 64.8673 looks on a white background.

Color Contrast Check

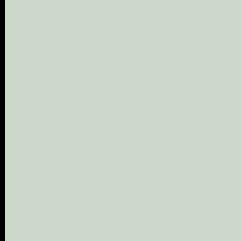
Large Text (above 18pt) WCAG AA × Fail

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 60.0003, 66.1661, 64.8673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

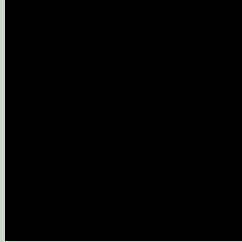
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

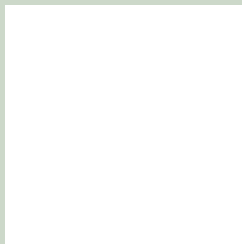
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0003, 66.1661, 64.8673

Background



This preview shows how black text looks on a background with the XYZ color 60.0003, 66.1661, 64.8673.



This preview shows how white text looks on a background with the XYZ color 60.0003, 66.1661,

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

60.0003, 66.1661, 64.8673

Protanopia

62.8165, 65.7721, 63.4173

Deuteranopia

67.2029, 65.8073, 65.6600



Tritanopia

63.6988, 66.1540, 83.5405

Trichromacy



Original Color

60.0003, 66.1661, 64.8673

Protanomaly

61.9511, 66.0548, 64.1283

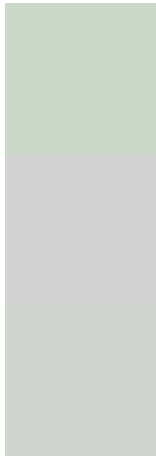
Deuteranomaly

64.2016, 65.7125, 65.1771

Tritanomaly

62.3126, 65.9684, 76.4668

Monochromacy



Original Color

60.0003, 66.1661, 64.8673

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0692, 65.5034, 68.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0003, 66.1661, 64.8673 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(204, 216, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 201)  
}
```

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(204, 216, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 201) }
```

Border

The CSS property to change the border of an element to XYZ 60.0003, 66.1661, 64.8673 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(204, 216, 201) }
```


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

```
.border{ border-color:rgb(204, 216, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0003, 66.1661, 64.8673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 201) }
```

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

```
.background{ background-color: rgb(204,  
216, 201) }
```

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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