

Converting Colors

XYZ(60.1327, 67.1709, 72.5952)

Have a look what the booklet for
XYZ(60.1327, 67.1709, 72.5952)
contains.

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Color

**XYZ(60.1067, 67.2029,
72.7543)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DBD5
RGB	196, 219, 213
RGB Percent	77%, 86%, 84%
CMY	0.2314, 0.1412, 0.1647
CMYK	0.11, 0.00, 0.03, 0.14
HSL	164°, 24%, 81%
HSV	164°, 11%, 86%
XYZ	60.1067, 67.2029, 72.7543
YIQ	211.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

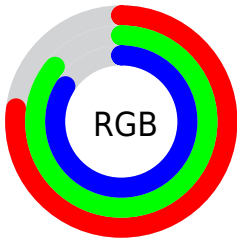
Format	Color
RYB	196, 209, 219
Decimal	12901333
CIELab	85.61, -8.79, 0.33
CIElCh	86, 8.792, 177.820
Yxy	67.2029, 0.3004, 0.3359
Android (android.graphics.Color)	4291091413 (0xFFC4DBD5)
YUV	211.4390, 0.7696, -13.5400
Hunter-Lab	81.9774, -12.5823, 4.7647

Details

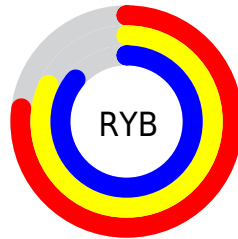
The XYZ color **60.1067, 67.2029, 72.7543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6164, 58.8059, 64.0887**, and the grayscale version is **62.2094, 65.4491, 71.2741**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.6023, 34.7703, 37.4462** is the 20% darker color. If you saturate the color by 10%, you get **54.1084, 64.1949, 68.7541**, and if you desaturate by 10%, it is **66.9659, 70.6555, 76.9311**.

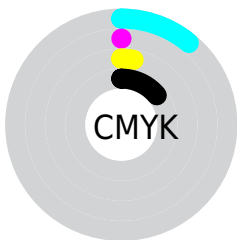
Distribution



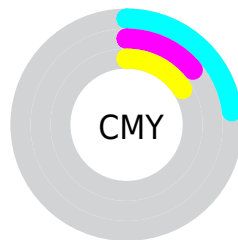
- Red (77%)
- Green (86%)
- Blue (84%)



- Red (77%)
- Yellow (82%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1067, 67.2029, 72.7543 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 60.1067, 67.2029, 72.7543 by changing the saturation by 10% instead.

60.1067, 67.2029,
72.7543

60.1067, 67.2029,
72.7543

414.8194,
450.6667, 489.2107

43.7544, 49.2495,
53.2845

104.0899,
115.2111, 124.8460

30.6746, 34.8175,
37.6406

132.4515,
146.0347, 158.3050

20.5018, 23.5223,
25.4042

165.5470,
181.9172, 197.2641

12.8707, 14.9796,
16.1567

203.7417,
223.2430, 242.1419

7.4160, 8.8051,
9.4796

247.4009,
270.3964, 293.3570

3.7722, 4.6143,
4.9542

296.8900,

1.5741, 2.0228,

323.7619, 351.3277

2.1622

352.5744,
383.7239, 416.4728

■ 0.3754, 0.6207,
0.6524

■ 0.0000, 0.0000,
0.0000

■ 60.1067, 67.2029,
72.7543

■ 60.1067, 67.2029,
72.7543

■ 54.1084, 64.1949,
68.7541

■ 66.9659, 70.6555,
76.9311

■ 48.9292, 61.6043,
64.9229

■ 74.7143, 74.5616,
81.2829

■ 44.5321, 59.4141,
61.2591

■ 80.8765, 77.6471,
85.6967

■ 40.8754, 57.6027,
57.7593

■ 81.6933, 77.9738,
89.9977

■ 37.9129, 56.1463,
54.4200

■ 82.5366, 78.3111,
94.4387

■ 35.5935, 55.0186,
51.2372

■ 83.4068, 78.6592,
99.0209

■ 33.8586, 54.1895,
48.2068

■ 84.3040, 79.0181,
103.7456

■ 32.6385, 53.6231,
45.3240

■ 84.6228, 79.1456,
105.4243

■ 31.8410, 53.2689,
42.7163

Harmonies

Analogous

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



60.6733, 67.2029, 67.4603



60.1067, 67.2029, 72.7543



60.5320, 67.2029, 78.4358

Triad

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



60.1067, 67.2029, 72.7543



65.6866, 67.2029, 83.3556



65.9452, 67.2029, 64.2379

Complementary

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



60.1067, 67.2029, 72.7543



59.6164, 58.8059, 64.0887

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.



67.3375, 67.2029, 68.1501



60.1067, 67.2029, 72.7543



67.1860, 67.2029, 79.1985

Square

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



60.1067, 67.2029, 72.7543



63.7281, 67.2029, 84.7436



67.7962, 67.2029, 73.5924



64.0208, 67.2029, 62.7058

Rectangle

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



60.1067, 67.2029, 72.7543



61.3259, 67.2029, 81.6445



67.7962, 67.2029, 73.5924



66.4924, 67.2029, 65.3079

Sweetspot

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



60.1086, 67.2057, 72.7558



91.9715, 98.4499, 107.0868



59.6907, 67.2267, 62.0555



19.5137, 20.9858, 22.8181



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.



60.1086, 67.2057, 72.7558



82.5264, 93.7012, 101.2062



59.5071, 64.7605, 76.3849



13.2922, 14.7685, 16.0017



18.9264, 31.6032, 25.5753



1.2607, 2.0612, 1.8388

Inverse Universe

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



59.6164, 58.8059, 64.0887



81.6749, 79.1643, 86.2081



60.1517, 60.9920, 60.8278



13.1948, 13.1070, 14.2873



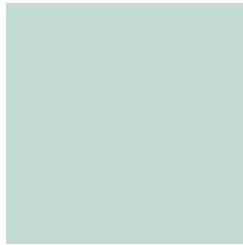
17.8007, 9.1213, 3.3306



1.1884, 0.6050, 0.4013

Previews

White Background



This preview shows how the XYZ color 60.1067, 67.2029, 72.7543 looks on a white background.

Color Contrast Check

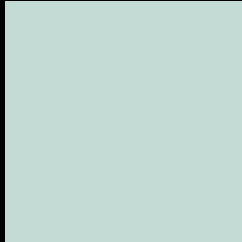
Large Text (above 18pt) WCAG AA × Fail

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 60.1067, 67.2029, 72.7543 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

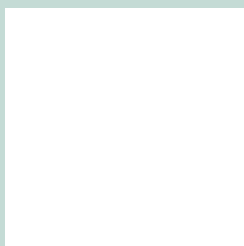
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1067, 67.2029, 72.7543

Background



This preview shows how black text looks on a background with the XYZ color 60.1067, 67.2029, 72.7543.

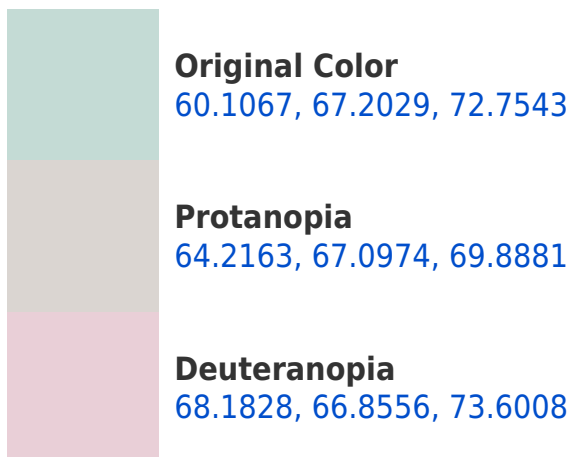


This preview shows how white text looks on a background with the XYZ color 60.1067, 67.2029,

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





Tritanopia

62.8170, 67.1370, 86.7387

Trichromacy



Original Color

60.1067, 67.2029, 72.7543

Protanomaly

62.5116, 66.9557, 70.6018

Deuteranomaly

64.9471, 66.6592, 73.0618

Tritanomaly

61.8290, 67.1225, 81.6487

Monochromacy



Original Color

60.1067, 67.2029, 72.7543

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3838, 65.9684, 71.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1067, 67.2029, 72.7543 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(196, 219, 213) looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 213)  
}
```

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(196, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.1067, 67.2029, 72.7543 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(196, 219, 213) }
```


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

```
.border{ border-color:rgb(196, 219, 213) }
```

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

Here you see how a box with a 4 pixel rgb(196, 219, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(196, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1067, 67.2029, 72.7543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 213) }
```

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

```
.background{ background-color: rgb(196,  
219, 213) }
```

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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