

Converting Colors

XYZ(60.4741, 66.8741, 70.6388)

Have a look what the booklet for
XYZ(60.4741, 66.8741, 70.6388)
contains.

XYZ(60.5237, 67.0753, 70.7297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5237, 67.0753,
70.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DAD2
RGB	200, 218, 210
RGB Percent	78%, 85%, 82%
CMY	0.2157, 0.1451, 0.1765
CMYK	0.08, 0.00, 0.04, 0.15
HSL	153°, 20%, 82%
HSV	153°, 8%, 85%
XYZ	60.5237, 67.0753, 70.7297
YIQ	211.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

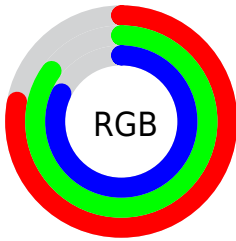
Format	Color
R_{YB}	200, 212, 218
Decimal	13163218
CIE Lab	85.54, -7.52, 1.86
CIE LCh	86, 7.745, 166.100
Yxy	67.0753, 0.3052, 0.3382
Android (android.graphics.Color)	4291353298 (0xFFC8DAD2)
YUV	211.7060, -0.8411, -10.2662
Hunter-Lab	81.8995, -11.4127, 6.1259

Details

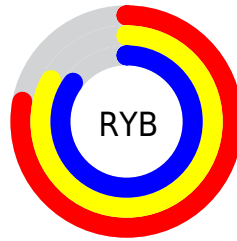
The XYZ color **60.5237, 67.0753, 70.7297** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9553, 60.7698, 68.1947**, and the grayscale version is **62.3950, 65.6444, 71.4867**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9520, 34.7057, 36.5200** is the 20% darker color. If you saturate the color by 10%, you get **53.9406, 63.8188, 64.3092**, and if you desaturate by 10%, it is **68.0139, 70.7948, 77.5771**.

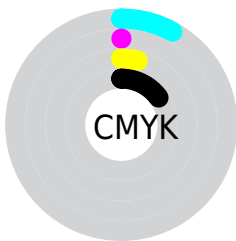
Distribution



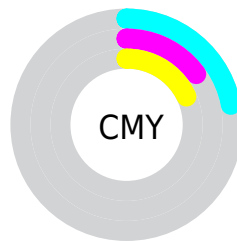
- Red (78%)
- Green (85%)
- Blue (82%)



- Red (78%)
- Yellow (83%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5237, 67.0753, 70.7297 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 60.5237, 67.0753, 70.7297 by changing the saturation by 10% instead.

■ 60.5237, 67.0753,
70.7297

■ 60.5237, 67.0753,
70.7297

416.3293,
450.2128, 481.9661

■ 44.0920, 49.1458,
51.6412

104.6910,
115.0283, 121.9396

■ 30.9410, 34.7352,
36.3389

133.1573,
145.8206, 154.8981

■ 20.7056, 23.4589,
24.4043

166.3658,
181.6693, 193.3170

■ 13.0202, 14.9328,
15.4188

204.6819,
222.9588, 237.6148

■ 7.5195, 8.7722,
8.9640

248.4710,
270.0736, 288.2101

■ 3.8383, 4.5929,
4.6212

298.0983,

■ 1.6111, 2.0104,

323.3978, 345.5214

1.9719

353.9293,
383.3161, 409.9672

■ 0.3996, 0.6135,
0.5379

■ 0.0000, 0.0000,
0.0000

■ 60.5237, 67.0753,
70.7297

■ 60.5237, 67.0753,
70.7297

■ 53.9406, 63.8188,
64.3092

■ 68.0139, 70.7948,
77.5771

■ 48.2227, 60.9981,
58.3029

■ 76.4397, 74.9860,
84.8553

■ 43.3332, 58.5964,
52.7035

■ 81.9038, 77.6418,
92.3894

■ 39.2302, 56.5921,
47.5021

■ 83.3752, 78.2303,
100.1376

■ 35.8682, 54.9619,
42.6891

■ 84.3627, 78.6253,
105.3376

■ 33.1966, 53.6800,
38.2547

■ 31.1581, 52.7171,
34.1885

■ 29.6857, 52.0386,
30.4791

■ 28.6816, 51.5944,
27.1138

Harmonies

Analogous

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



61.3453, 67.0753, 66.5164



60.5237, 67.0753, 70.7297



60.5562, 67.0753, 75.7548

Triad

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



60.5237, 67.0753, 70.7297



64.6963, 67.0753, 82.7481



66.1288, 67.0753, 66.2694

Complementary

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



60.5237, 67.0753, 70.7297



60.9553, 60.7698, 68.1947

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.



67.0605, 67.0753, 70.3784



60.5237, 67.0753, 70.7297



66.2231, 67.0753, 79.9632

Square

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



60.5237, 67.0753, 70.7297



62.9434, 67.0753, 82.8528



67.0953, 67.0753, 75.3870



64.5696, 67.0753, 64.0225

Rectangle

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



60.5237, 67.0753, 70.7297



61.0573, 67.0753, 78.8950



67.0953, 67.0753, 75.3870



66.5271, 67.0753, 67.4700

Sweetspot

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



60.5256, 67.0781, 70.7312



92.8356, 98.9004, 106.9022



61.5396, 67.7404, 64.4763



19.8938, 21.1803, 22.9025



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.



60.5256, 67.0781, 70.7312



84.5110, 94.7717, 99.1594



61.3152, 67.0215, 76.0378



13.1878, 14.7267, 15.4517



17.1463, 30.8911, 16.2016



1.1540, 2.0185, 1.2768

Inverse Universe

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



60.9553, 60.7698, 68.1947



85.2505, 83.9168, 94.7950



60.2042, 60.8039, 63.2078



13.2954, 13.1472, 14.8166



18.6647, 9.4669, 7.8803



1.2521, 0.6305, 0.7366

Previews

White Background



This preview shows how the XYZ color 60.5237, 67.0753, 70.7297 looks on a white background.

Color Contrast Check

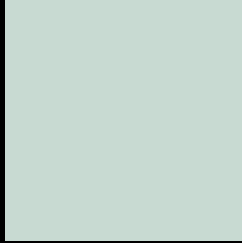
Large Text (above 18pt) WCAG AA × Fail

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 60.5237, 67.0753, 70.7297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

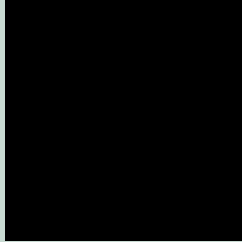
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

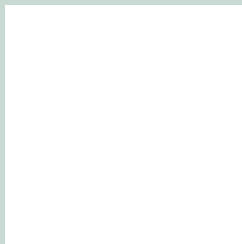
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5237, 67.0753, 70.7297

Background



This preview shows how black text looks on a background with the XYZ color 60.5237, 67.0753, 70.7297.

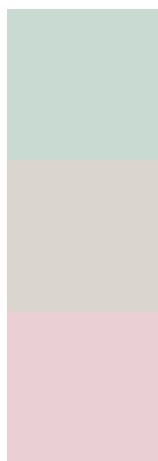


This preview shows how white text looks on a background with the XYZ color 60.5237, 67.0753,

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

60.5237, 67.0753, 70.7297

Protanopia

64.2702, 67.1536, 68.6060

Deuteranopia

68.1282, 66.8715, 71.6041



Tritanopia

63.7678, 67.2644, 85.9663

Trichromacy



Original Color

60.5237, 67.0753, 70.7297

Protanomaly

62.8370, 67.1520, 69.3243

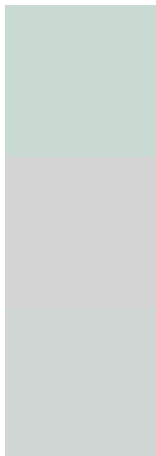
Deuteranomaly

65.1763, 66.8213, 71.0907

Tritanomaly

62.6390, 67.1901, 80.1886

Monochromacy



Original Color

60.5237, 67.0753, 70.7297

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8169, 66.2062, 71.1490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5237, 67.0753, 70.7297 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, 218, 210) looks like.

```
.text, #text, p{  
    color:rgb(200, 218, 210)  
}
```

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, 218, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 218, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.5237, 67.0753, 70.7297 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, 218, 210) }
```


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

```
.border{ border-color:rgb(200, 218, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 218, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 218, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 218, 210);  
box-shadow:4px 4px 4px 4px rgb(200, 218,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5237, 67.0753, 70.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 218, 210) }
```

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

```
.background{ background-color: rgb(200,  
218, 210) }
```

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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