

Converting Colors

XYZ(60.6025, 66.3447, 70.5962)

Have a look what the booklet for
XYZ(60.6025, 66.3447, 70.5962)
contains.

XYZ(60.5458, 66.3214, 70.5830)	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(60.5458, 66.3214,
70.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD8D2
RGB	202, 216, 210
RGB Percent	79%, 85%, 82%
CMY	0.2078, 0.1529, 0.1765
CMYK	0.06, 0.00, 0.03, 0.15
HSL	154°, 15%, 82%
HSV	154°, 6%, 85%
XYZ	60.5458, 66.3214, 70.5830
YIQ	211.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

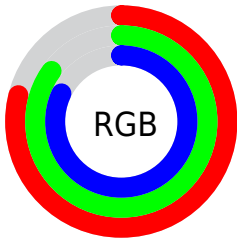
Format	Color
R _Y B	202, 211, 216
Decimal	13293778
CIE Lab	85.16, -5.82, 1.32
CIE LCh	85, 5.968, 167.202
Yxy	66.3214, 0.3066, 0.3359
Android (android.graphics.Color)	4291483858 (0xFFCAD8D2)
YUV	211.1300, -0.5571, -8.0070
Hunter-Lab	81.4380, -9.8089, 5.6194

Details

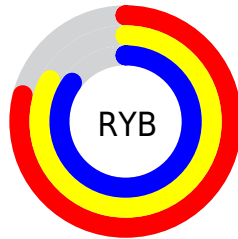
The XYZ color **60.5458, 66.3214, 70.5830** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8269, 61.3957, 68.3222**, and the grayscale version is **62.0109, 65.2403, 71.0467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9584, 34.1859, 36.4194** is the 20% darker color. If you saturate the color by 10%, you get **53.9852, 63.0706, 64.4275**, and if you desaturate by 10%, it is **67.9950, 70.0263, 77.1313**.

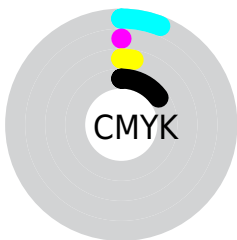
Distribution



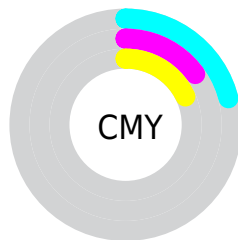
- Red (79%)
- Green (85%)
- Blue (82%)



- Red (79%)
- Yellow (83%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5458, 66.3214, 70.5830 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 60.5458, 66.3214, 70.5830 by changing the saturation by 10% instead.

60.5458, 66.3214,
70.5830

60.5458, 66.3214,
70.5830

416.4092,
447.5254, 481.4387

44.1099, 48.5334,
51.5222

104.7229,
113.9475, 121.7287

30.9552, 34.2495,
36.2448

133.1947,
144.5544, 154.6507

20.7164, 23.0853,
24.3321

166.4092,
180.2029, 193.0301

13.0281, 14.6565,
15.3657

204.7317,
221.2776, 237.2856

7.5250, 8.5787,
8.9270

248.5276,
268.1628, 287.8357

3.8418, 4.4674,
4.5974

298.1623,

1.6130, 1.9383,

321.2429, 345.0989

1.9585

354.0010,
380.9023, 409.4937

■ 0.4009, 0.5713,
0.5296

■ 0.0000, 0.0000,
0.0000

■ 60.5458, 66.3214,
70.5830

■ 60.5458, 66.3214,
70.5830

■ 53.9852, 63.0706,
64.4275

■ 67.9950, 70.0263,
77.1313

■ 48.2727, 60.2476,
58.6531

■ 76.3601, 74.1936,
84.0754

■ 43.3728, 57.8361,
53.2534

■ 81.1977, 76.5345,
91.2141

■ 39.2455, 55.8155,
48.2204

■ 82.5921, 77.0923,
98.5570

■ 35.8470, 54.1634,
43.5458

■ 83.8471, 77.5943,
105.1657

■ 33.1289, 52.8551,
39.2207

■ 31.0370, 51.8627,
35.2359

■ 29.5077, 51.1537,
31.5814

■ 28.4609, 50.6867,
28.2463

Harmonies

Analogous

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



61.1561, 66.3214, 67.2922



60.5458, 66.3214, 70.5830



60.5959, 66.3214, 74.4275

Triad

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



60.5458, 66.3214, 70.5830



63.8052, 66.3214, 79.5285



64.8116, 66.3214, 66.9085

Complementary

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



60.5458, 66.3214, 70.5830



60.8269, 61.3957, 68.3222

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.



65.5417, 66.3214, 70.0424



60.5458, 66.3214, 70.5830



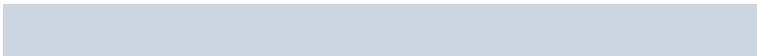
64.9550, 66.3214, 77.3675

Square

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



60.5458, 66.3214, 70.5830



62.4648, 66.3214, 79.6859



65.5946, 66.3214, 73.8674



63.6116, 66.3214, 65.2220

Rectangle

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



60.5458, 66.3214, 70.5830



60.9971, 66.3214, 76.7885



65.5946, 66.3214, 73.8674



65.1209, 66.3214, 67.8225

Sweetspot

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



60.5477, 66.3242, 70.5845



92.8485, 98.9055, 106.9700



61.2499, 66.7986, 65.5432



19.8965, 21.1813, 22.9163



0.0000, 0.0000, 0.0000



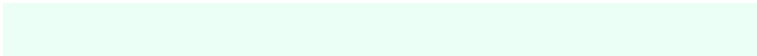
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5477, 66.3242, 70.5845



86.5627, 95.7836, 101.3195



61.0714, 66.1521, 74.5189



12.5567, 14.0137, 14.7461



16.7207, 29.9436, 16.3565



1.0496, 1.8225, 1.2030

Inverse Universe

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



60.8269, 61.3957, 68.3222



87.0638, 86.9398, 97.2601



60.3218, 61.5452, 64.5781



12.6420, 12.5083, 14.0552



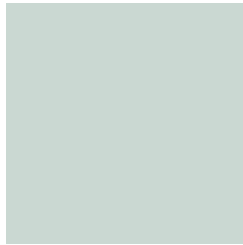
17.9726, 9.1254, 7.1598



1.1250, 0.5668, 0.6477

Previews

White Background



This preview shows how the XYZ color 60.5458, 66.3214, 70.5830 looks on a white background.

Color Contrast Check

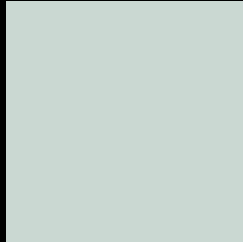
Large Text (above 18pt) WCAG AA × Fail

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 60.5458, 66.3214, 70.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

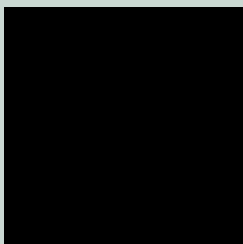
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

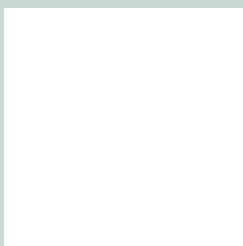
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5458, 66.3214, 70.5830

Background



This preview shows how black text looks on a background with the XYZ color 60.5458, 66.3214, 70.5830.



This preview shows how white text looks on a background with the XYZ color 60.5458, 66.3214,

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

60.5458, 66.3214, 70.5830

Protanopia

63.4212, 66.3437, 68.4944

Deuteranopia

67.5592, 66.2197, 71.5083



Tritanopia

63.2540, 66.2808, 84.3225

Trichromacy



Original Color

60.5458, 66.3214, 70.5830

Protanomaly

62.3308, 66.1396, 69.1555

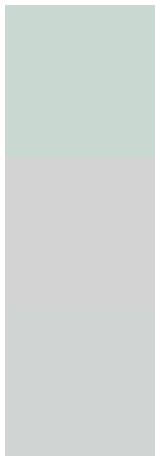
Deuteranomaly

64.9287, 66.3259, 71.0081

Tritanomaly

62.2677, 66.2582, 79.3193

Monochromacy



Original Color

60.5458, 66.3214, 70.5830

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5645, 65.7015, 71.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5458, 66.3214, 70.5830 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(202, 216, 210) looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 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(202, 216, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.5458, 66.3214, 70.5830 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(202, 216, 210) }
```


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

```
.border{ border-color:rgb(202, 216, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 210);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5458, 66.3214, 70.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 210) }
```

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

```
.background{ background-color: rgb(202,  
216, 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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