

Converting Colors

XYZ(61.1164, 70.7105, 67.9956)

Have a look what the booklet for
XYZ(61.1164, 70.7105, 67.9956)
contains.

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Color

**XYZ(60.9808, 70.5363,
68.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E2CD
RGB	196, 226, 205
RGB Percent	77%, 89%, 80%
CMY	0.2314, 0.1137, 0.1961
CMYK	0.13, 0.00, 0.09, 0.11
HSL	138°, 34%, 83%
HSV	138°, 13%, 89%
XYZ	60.9808, 70.5363, 68.1584
YIQ	214.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

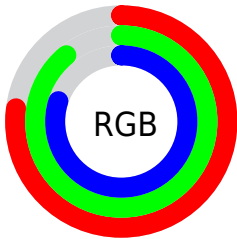
Format	Color
RYB	196, 219, 226
Decimal	12903117
CIELab	87.26, -13.84, 6.95
CIELCh	87, 15.486, 153.348
Yxy	70.5363, 0.3054, 0.3533
Android (android.graphics.Color)	4291093197 (0xFFC4E2CD)
YUV	214.6360, -4.7505, -16.3438
Hunter-Lab	83.9859, -17.3693, 10.6736

Details

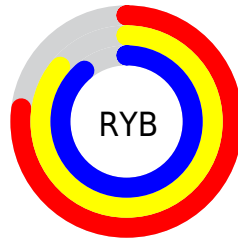
The XYZ color **60.9808, 70.5363, 68.1584** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.6310, 60.6602, 74.0040**, and the grayscale version is **64.3833, 67.7363, 73.7648**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.3042, 37.1110, 34.7914** is the 20% darker color. If you saturate the color by 10%, you get **53.7251, 67.0075, 58.3490**, and if you desaturate by 10%, it is **69.3191, 74.6049, 79.0296**.

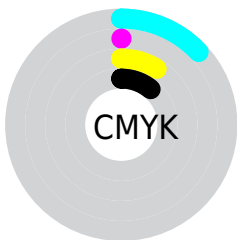
Distribution



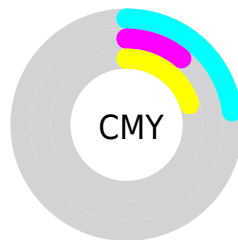
- Red (77%)
- Green (89%)
- Blue (80%)



- Red (77%)
- Yellow (86%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9808, 70.5363, 68.1584 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 60.9808, 70.5363, 68.1584 by changing the saturation by 10% instead.

60.9808, 70.5363,
68.1584

60.9808, 70.5363,
68.1584

417.9806,
462.4308, 472.6703

44.4622, 51.9639,
49.5591

105.3494,
119.9732, 118.2351

31.2335, 36.9763,
34.6945

133.9301,
151.6065, 150.5495

20.9294, 25.1891,
23.1460

167.2621,
188.3622, 188.2728

13.1846, 16.2180,
14.4950

205.7109,
230.6248, 231.8235

7.6336, 9.6786,
8.3231

249.6418,
278.7785, 281.6200

3.9112, 5.1864,
4.2116

299.4202,

1.6520, 2.3570,

333.2078, 338.0809

1.7422

355.4113,
394.2971, 401.6249

■ 0.4260, 0.8036,
0.3894

■ 0.0000, 0.0000,
0.0000

■ 60.9808, 70.5363,
68.1584

■ 60.9808, 70.5363,
68.1584

■ 53.7251, 67.0075,
58.3490

■ 69.3191, 74.6049,
79.0296

■ 47.5009, 63.9868,
49.5648

■ 78.7767, 79.2255,
90.9883

■ 42.2618, 61.4529,
41.7739

■ 86.0822, 82.7132,
103.9106

■ 37.9554, 59.3796,
34.9409

■ 86.4877, 82.8754,
106.0459

■ 34.5241, 57.7381,
29.0284

■ 31.9039, 56.4960,
23.9965

■ 30.0214, 55.6164,
19.8022

■ 28.7887, 55.0550,
16.3987

■ 28.2348, 54.8103,
14.5272

Harmonies

Analogous

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



63.2689, 70.5363, 61.2476



60.9808, 70.5363, 68.1584



60.2966, 70.5363, 77.9785

Triad

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



60.9808, 70.5363, 68.1584



67.4522, 70.5363, 98.5967



73.0598, 70.5363, 66.3032

Complementary

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



60.9808, 70.5363, 68.1584



63.6310, 60.6602, 74.0040

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.



74.2740, 70.5363, 75.6375



60.9808, 70.5363, 68.1584



70.9636, 70.5363, 94.7893

Square

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



60.9808, 70.5363, 68.1584



63.9524, 70.5363, 96.1425



73.4934, 70.5363, 86.1472



70.2309, 70.5363, 60.2466

Rectangle

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



60.9808, 70.5363, 68.1584



60.8209, 70.5363, 85.0217



73.4934, 70.5363, 86.1472



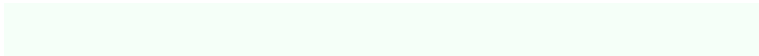
73.6749, 70.5363, 69.1300

Sweetspot

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



60.9828, 70.5393, 68.1600



90.2679, 97.6651, 102.7864



65.9271, 73.2101, 62.8818



19.1343, 20.8132, 21.7600



0.0000, 0.0000, 0.0000



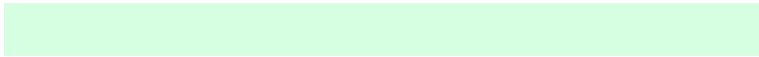
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9828, 70.5393, 68.1600



77.3377, 91.3614, 85.8258



62.8158, 71.2725, 77.8127



13.6971, 15.4046, 15.4404



16.1531, 31.2861, 8.5290



1.1584, 2.1841, 0.7952

Inverse Universe

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



63.6310, 60.6602, 74.0040



81.4789, 75.9111, 94.9631



61.8262, 59.9383, 64.5002



14.1107, 13.8619, 16.3532



21.4791, 10.6586, 19.7204



1.5278, 0.7544, 1.5722

Previews

White Background



This preview shows how the XYZ color 60.9808, 70.5363, 68.1584 looks on a white background.

Color Contrast Check

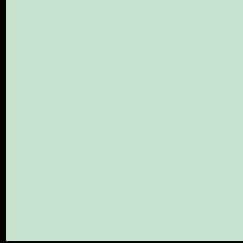
Large Text (above 18pt) WCAG AA × Fail

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 60.9808, 70.5363, 68.1584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

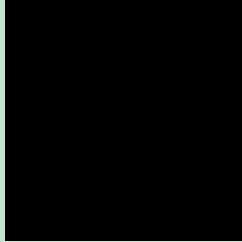
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

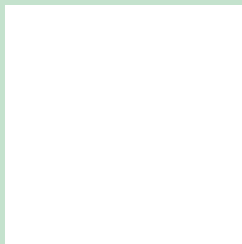
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9808, 70.5363, 68.1584

Background



This preview shows how black text looks on a background with the XYZ color 60.9808, 70.5363, 68.1584.



This preview shows how white text looks on a background with the XYZ color 60.9808, 70.5363,

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

65.7936, 70.5015, 91.8018

Trichromacy



Original Color

60.9808, 70.5363, 68.1584

Protanomaly

64.2782, 69.8977, 65.9809

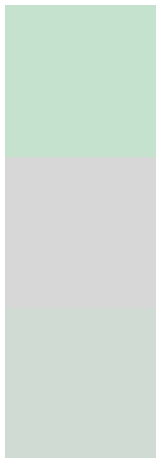
Deuteranomaly

67.1824, 69.7855, 68.9605

Tritanomaly

64.0722, 70.6008, 82.9234

Monochromacy



Original Color

60.9808, 70.5363, 68.1584

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1018, 68.7761, 71.5773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9808, 70.5363, 68.1584 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, 226, 205)` looks like.

```
.text, #text, p{  
    color:rgb(196, 226, 205)  
}
```

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, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 226, 205) }
```

Border

The CSS property to change the border of an element to XYZ 60.9808, 70.5363, 68.1584 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, 226, 205) }
```


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

```
.border{ border-color:rgb(196, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(196, 226,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9808, 70.5363, 68.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 226, 205) }
```

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

```
.background{ background-color: rgb(196,  
226, 205) }
```

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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