

Converting Colors

XYZ(59.8820, 67.5555, 70.7110)

Have a look what the booklet for
XYZ(59.8820, 67.5555, 70.7110)
contains.

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Color

**XYZ(59.9910, 67.5753,
70.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DCD2
RGB	196, 220, 210
RGB Percent	77%, 86%, 82%
CMY	0.2314, 0.1372, 0.1765
CMYK	0.11, 0.00, 0.05, 0.14
HSL	155°, 26%, 82%
HSV	155°, 11%, 86%
XYZ	59.9910, 67.5753, 70.8542
YIQ	211.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

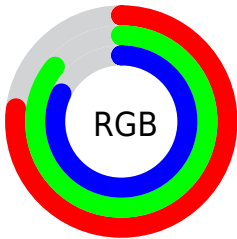
Format	Color
R_{YB}	196, 211, 220
Decimal	12901586
CIE Lab	85.79, -9.87, 2.19
CIE LCh	86, 10.110, 167.472
Yxy	67.5753, 0.3023, 0.3406
Android (android.graphics.Color)	4291091666 (0xFFC4DCD2)
YUV	211.6840, -0.8302, -13.7549
Hunter-Lab	82.2042, -13.5916, 6.4392

Details

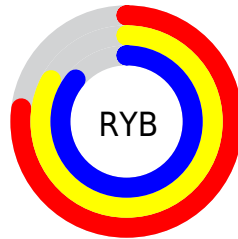
The XYZ color **59.9910, 67.5753, 70.8542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3982, 59.1535, 66.6301**, and the grayscale version is **62.3817, 65.6304, 71.4715**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.6112, 35.0614, 36.6066** is the 20% darker color. If you saturate the color by 10%, you get **53.5732, 64.3969, 64.7615**, and if you desaturate by 10%, it is **67.3172, 71.2181, 77.3339**.

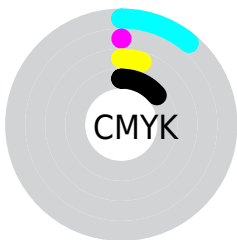
Distribution



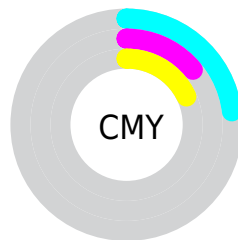
- Red (77%)
- Green (86%)
- Blue (82%)



- Red (77%)
- Yellow (83%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9910, 67.5753, 70.8542 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 59.9910, 67.5753, 70.8542 by changing the saturation by 10% instead.

■ 59.9910, 67.5753,
70.8542

■ 59.9910, 67.5753,
70.8542

414.3999,
451.9898, 482.4135

■ 43.6608, 49.5523,
51.7421

103.9230,
115.7444, 122.1186

■ 30.6007, 35.0578,
36.4187

132.2556,
146.6592, 155.1080

■ 20.4453, 23.7074,
24.4655

165.3196,
182.6402, 193.5603

■ 12.8293, 15.1167,
15.4639

203.4806,
224.0716, 237.8940

■ 7.3873, 8.9013,
8.9954

247.1037,
271.3379, 288.5276

■ 3.7539, 4.6769,
4.6414

296.5544,

■ 1.5639, 2.0590,

324.8234, 345.8797

1.9834

352.1980,
384.9126, 410.3688

■ 0.3687, 0.6414,
0.5450

■ 0.0000, 0.0000,
0.0000

■ 59.9910, 67.5753,
70.8542

■ 59.9910, 67.5753,
70.8542

■ 53.5732, 64.3969,
64.7615

■ 67.3172, 71.2181,
77.3339

■ 48.0207, 61.6553,
59.0440

■ 75.5812, 75.3350,
84.2032

■ 43.2952, 59.3327,
53.6954

■ 82.1948, 78.5931,
91.3480

■ 39.3533, 57.4069,
48.7076

■ 83.5731, 79.1444,
98.6056

■ 36.1473, 55.8534,
44.0725

■ 84.8845, 79.6690,
105.5115

■ 33.6242, 54.6451,
39.7811

■ 31.7236, 53.7509,
35.8240

■ 30.3733, 53.1338,
32.1913

■ 29.5117, 52.7558,
29.1594

Harmonies

Analogous

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



61.0117, 67.5753, 65.3135



59.9910, 67.5753, 70.8542



60.0858, 67.5753, 77.4620

Triad

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



59.9910, 67.5753, 70.8542



65.5705, 67.5753, 86.3852



67.2763, 67.5753, 64.5998

Complementary

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



59.9910, 67.5753, 70.8542



60.3982, 59.1535, 66.6301

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.



68.5570, 67.5753, 69.8261



59.9910, 67.5753, 70.8542



67.5560, 67.5753, 82.5118

Square

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



59.9910, 67.5753, 70.8542



63.2700, 67.5753, 86.7015



68.6606, 67.5753, 76.3708



65.1962, 67.5753, 61.8505

Rectangle

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



59.9910, 67.5753, 70.8542



60.7687, 67.5753, 81.5878



68.6606, 67.5753, 76.3708



67.8167, 67.5753, 66.1104

Sweetspot

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



59.9929, 67.5782, 70.8557



91.7822, 98.3742, 106.0899



61.1241, 68.3541, 62.1976



19.4626, 20.9653, 22.5487



0.0000, 0.0000, 0.0000



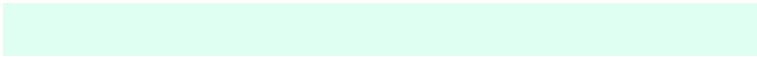
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9929, 67.5782, 70.8557



81.7431, 93.3878, 97.0812



60.8608, 67.2565, 77.4876



13.2034, 14.7330, 15.5341



17.3760, 30.9830, 17.4113



1.1683, 2.0243, 1.3522

Inverse Universe

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



60.3982, 59.1535, 66.6301



82.4132, 79.4596, 90.0957



59.5839, 59.4084, 60.5521



13.2800, 13.1411, 14.7356



18.5005, 9.4012, 7.0157



1.2409, 0.6260, 0.6773

Previews

White Background



This preview shows how the XYZ color 59.9910, 67.5753, 70.8542 looks on a white background.

Color Contrast Check

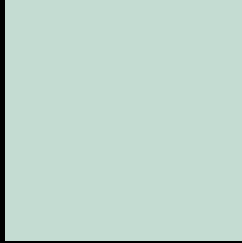
Large Text (above 18pt) WCAG AA × Fail

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 59.9910, 67.5753, 70.8542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

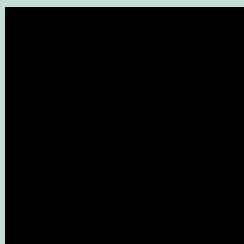
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

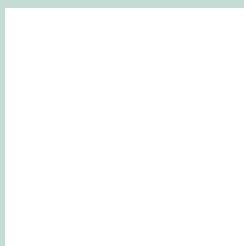
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9910, 67.5753, 70.8542

Background



This preview shows how black text looks on a background with the XYZ color 59.9910, 67.5753, 70.8542.

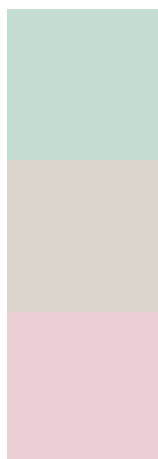


This preview shows how white text looks on a background with the XYZ color 59.9910, 67.5753,

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

59.9910, 67.5753, 70.8542

Protanopia

64.4500, 67.2604, 67.9782

Deuteranopia

68.5840, 67.0919, 72.2861



Tritanopia

63.2266, 67.3316, 87.5058

Trichromacy



Original Color

59.9910, 67.5753, 70.8542

Protanomaly

62.6823, 67.4656, 68.7499

Deuteranomaly

65.2459, 67.2126, 71.8219

Tritanomaly

61.9566, 67.2041, 80.9404

Monochromacy



Original Color

59.9910, 67.5753, 70.8542

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.5119, 66.4258, 71.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9910, 67.5753, 70.8542 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, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 220, 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(196, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 220, 210) }
```

Border

The CSS property to change the border of an element to XYZ 59.9910, 67.5753, 70.8542 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, 220, 210) }
```


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

```
.border{ border-color:rgb(196, 220, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 220,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9910, 67.5753, 70.8542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 220, 210) }
```

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

```
.background{ background-color: rgb(196,  
220, 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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