

Converting Colors

XYZ(55.9612, 60.2611, 65.7319)

Have a look what the booklet for
XYZ(55.9612, 60.2611, 65.7319)
contains.

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Color

**XYZ(55.9963, 60.3726,
65.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CECC
RGB	197, 206, 204
RGB Percent	77%, 81%, 80%
CMY	0.2274, 0.1921, 0.2000
CMYK	0.04, 0.00, 0.01, 0.19
HSL	167°, 8%, 79%
HSV	167°, 4%, 81%
XYZ	55.9963, 60.3726, 65.8285
YIQ	203.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

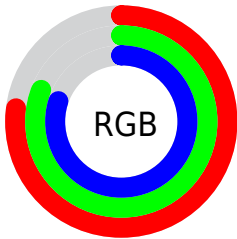
Format	Color
RYB	197, 202, 206
Decimal	12963532
CIELab	82.04, -3.43, -0.08
CIElCh	82, 3.431, 181.331
Yxy	60.3726, 0.3073, 0.3314
Android (android.graphics.Color)	4291153612 (0xFFC5CECC)
YUV	203.0810, 0.4531, -5.3330
Hunter-Lab	77.6998, -7.3342, 4.1584

Details

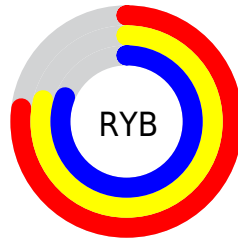
The XYZ color **55.9963, 60.3726, 65.8285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7308, 57.1793, 62.1350**, and the grayscale version is **56.8164, 59.7753, 65.0953**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.0609, 30.4981, 33.2619** is the 20% darker color. If you saturate the color by 10%, you get **50.4251, 57.5648, 62.7408**, and if you desaturate by 10%, it is **62.3243, 63.5720, 69.0386**.

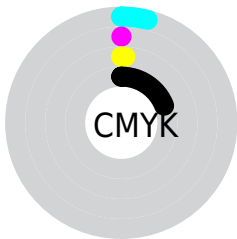
Distribution



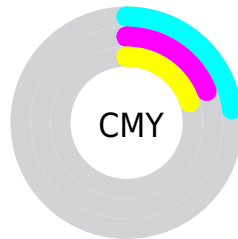
- Red (77%)
- Green (81%)
- Blue (80%)



- Red (77%)
- Yellow (79%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9963, 60.3726, 65.8285 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 55.9963, 60.3726, 65.8285 by changing the saturation by 10% instead.

■ 55.9963, 60.3726,
65.8285

■ 55.9963, 60.3726,
65.8285

399.7528,
425.9698, 464.1507

■ 40.4369, 43.7190,
47.6776

98.1390, 105.3700,
114.8648

■ 28.0651, 30.4497,
33.2135

125.4531,
134.4826, 146.5873

■ 18.5155, 20.1802,
22.0176

157.4161,
168.5170, 183.6707

■ 11.4226, 12.5261,
13.6714

194.3934,
207.8576, 226.5336

■ 6.4212, 7.1030,
7.7563

236.7504,
252.8888, 275.5945

■ 3.1459, 3.5266,
3.8539

284.8524,

■ 1.2314, 1.4125,

303.9949, 331.2720

1.5455

339.0647,
361.5605, 393.9845

■ 0.1309, 0.2259,
0.2515

■ 0.0000, 0.0000,
0.0000

■ 55.9963, 60.3726,
65.8285

■ 55.9963, 60.3726,
65.8285

■ 50.4251, 57.5648,
62.7408

■ 62.3243, 63.5720,
69.0386

■ 45.5757, 55.1256,
59.7694

■ 69.4321, 67.1698,
72.3691

■ 41.4179, 53.0411,
56.9134

■ 75.9351, 70.4540,
75.7573

■ 37.9176, 51.2937,
54.1705

■ 76.5426, 70.6970,
78.9561

■ 35.0373, 49.8642,
51.5382

■ 77.1667, 70.9467,
82.2429

■ 32.7363, 48.7314,
49.0138

■ 77.8078, 71.2031,
85.6185

■ 30.9682, 47.8717,
46.5944

■ 78.4658, 71.4663,
89.0834

■ 29.6799, 47.2575,
44.2767

■ 79.1408, 71.7363,
92.6384

■ 28.8067, 46.8555,
42.0570

■ 79.8332, 72.0133,
96.2842

Harmonies

Analogous

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



56.1647, 60.3726, 63.8337



55.9963, 60.3726, 65.8285



56.1967, 60.3726, 67.8390

Triad

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



55.9963, 60.3726, 65.8285



58.1122, 60.3726, 69.2144



58.0555, 60.3726, 62.2854

Complementary

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



55.9963, 60.3726, 65.8285



55.7308, 57.1793, 62.1350

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.



58.5846, 60.3726, 63.6759



55.9963, 60.3726, 65.8285



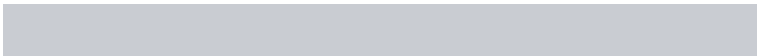
58.6175, 60.3726, 67.6747

Square

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



55.9963, 60.3726, 65.8285



57.4148, 60.3726, 69.8192



58.7911, 60.3726, 65.6426



57.3499, 60.3726, 61.8142

Rectangle

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



55.9963, 60.3726, 65.8285



56.5134, 60.3726, 68.9107



58.7911, 60.3726, 65.6426



58.2601, 60.3726, 62.6594

Sweetspot

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



55.9980, 60.3752, 65.8298



94.0268, 99.4831, 108.3760



55.7309, 60.3323, 61.5320



20.1364, 21.2989, 23.2025



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.



55.9980, 60.3752, 65.8298



90.0603, 97.4801, 106.2997



55.6663, 59.3246, 66.9125



11.8939, 12.9155, 14.0853



17.5445, 28.7631, 25.3501



0.9322, 1.4947, 1.4502

Inverse Universe

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



55.7308, 57.1793, 62.1350



89.5613, 91.5111, 99.3989



56.0492, 58.1859, 61.1009



11.8204, 12.0362, 13.0687



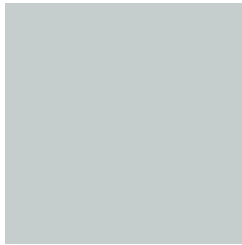
16.0056, 8.2128, 2.4822



0.8552, 0.4355, 0.2834

Previews

White Background



This preview shows how the XYZ color 55.9963, 60.3726, 65.8285 looks on a white background.

Color Contrast Check

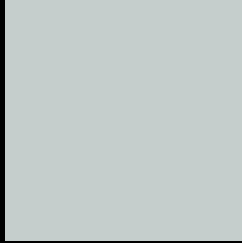
Large Text (above 18pt) WCAG AA × Fail

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 55.9963, 60.3726, 65.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

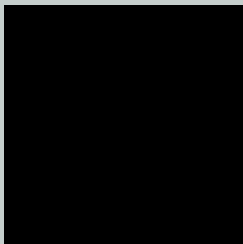
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

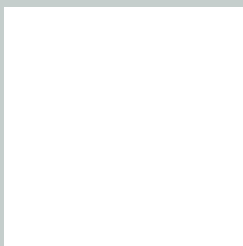
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9963, 60.3726, 65.8285

Background



This preview shows how black text looks on a background with the XYZ color 55.9963, 60.3726, 65.8285.

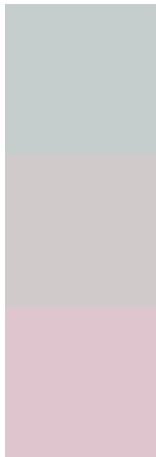


This preview shows how white text looks on a background with the XYZ color 55.9963, 60.3726,

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

55.9963, 60.3726, 65.8285

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.5383, 60.0767, 66.7451



Tritanopia

58.3306, 60.6324, 76.3390

Trichromacy



Original Color

55.9963, 60.3726, 65.8285

Protanomaly

57.2742, 60.3349, 65.1270

Deuteranomaly

59.4053, 60.0125, 66.2102

Tritanomaly

57.5221, 60.6598, 72.2951

Monochromacy



Original Color

55.9963, 60.3726, 65.8285

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4598, 59.9150, 65.0889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9963, 60.3726, 65.8285 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(197, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 204)  
}
```

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(197, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.9963, 60.3726, 65.8285 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(197, 206, 204) }
```


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

```
.border{ border-color:rgb(197, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(197, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9963, 60.3726, 65.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 204) }
```

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

```
.background{ background-color: rgb(197,  
206, 204) }
```

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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