

Converting Colors

XYZ(55.9010, 59.5993, 66.3151)

Have a look what the booklet for
XYZ(55.9010, 59.5993, 66.3151)
contains.

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Color

**XYZ(55.9010, 59.5993,
66.3151)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCCD
RGB	198, 204, 205
RGB Percent	78%, 80%, 80%
CMY	0.2235, 0.2000, 0.1961
CMYK	0.03, 0.00, 0.00, 0.20
HSL	189°, 7%, 79%
HSV	189°, 3%, 80%
XYZ	55.9010, 59.5993, 66.3151
YIQ	202.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

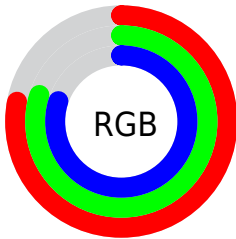
Format	Color
R_{YB}	198, 201, 205
Decimal	13028557
CIE _{Lab}	81.62, -1.86, -1.22
CIE _{LCh}	82, 2.221, 213.320
Yxy	59.5993, 0.3075, 0.3278
Android (android.graphics.Color)	4291218637 (0xFFC6CCCD)
YUV	202.3200, 1.3212, -3.7886
Hunter-Lab	77.2006, -5.8490, 3.1105

Details

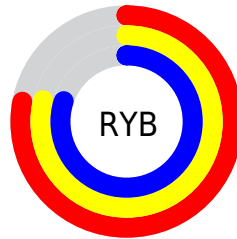
The XYZ color **55.9010, 59.5993, 66.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7934, 57.9025, 61.6626**, and the grayscale version is **56.3340, 59.2678, 64.5426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9939, 29.9764, 33.5887** is the 20% darker color. If you saturate the color by 10%, you get **50.1723, 55.6275, 65.8513**, and if you desaturate by 10%, it is **62.3775, 63.9792, 66.8201**.

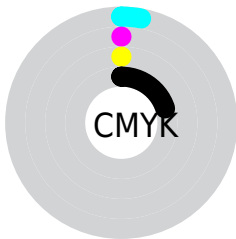
Distribution



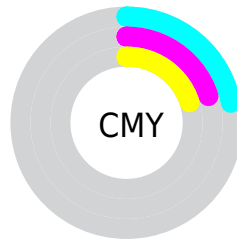
- Red (78%)
- Green (80%)
- Blue (80%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9010, 59.5993, 66.3151 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 55.9010, 59.5993, 66.3151 by changing the saturation by 10% instead.

■ 55.9010, 59.5993,
66.3151

■ 55.9010, 59.5993,
66.3151

399.3994,
423.1192, 465.9379

■ 40.3602, 43.0957,
48.0701

98.0005, 104.2482,
115.5698

■ 28.0050, 29.9602,
33.5221

125.2899,
133.1623, 147.4166

■ 18.4699, 19.8084,
22.2523

157.2262,
166.9820, 184.6344

■ 11.3896, 12.2559,
13.8423

194.1749,
206.0918, 227.6418

■ 6.3987, 6.9182,
7.8736

236.5011,
250.8761, 276.8573

■ 3.1320, 3.4110,
3.9275

284.5704,

■ 1.2239, 1.3499,

301.7191, 332.6995

1.5857

338.7480,
359.0054, 395.5868

■ 0.1251, 0.1793,
0.2806

■ 0.0000, 0.0000,
0.0000

■ 55.9010, 59.5993,
66.3151

■ 55.9010, 59.5993,
66.3151

■ 50.1723, 55.6275,
65.8513

■ 62.3775, 63.9792,
66.8201

■ 45.1570, 52.0411,
65.4234

■ 69.6243, 68.7739,
67.3636

■ 40.8256, 48.8263,
65.0312

■ 75.9936, 73.1358,
67.8698

■ 37.1446, 45.9658,
64.6730

■ 76.7332, 74.6150,
68.1164

■ 34.0776, 43.4407,
64.3473

■ 77.4861, 76.1209,
68.3673

■ 31.5845, 41.2302,
64.0520

■ 78.2524, 77.6534,
68.6227

■ 29.6204, 39.3111,
63.7851

■ 79.0320, 79.2127,
68.8826

■ 28.1336, 37.6565,
63.5441

■ 79.8252, 80.7989,
69.1470

■ 27.0616, 36.2343,
63.3261

■ 80.6318, 82.4123,
69.4159

Harmonies

Analogous

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



55.7564, 59.5993, 65.0424



55.9010, 59.5993, 66.3151



56.2455, 59.5993, 67.2164

Triad

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



55.9010, 59.5993, 66.3151



57.4527, 59.5993, 66.0540



56.5954, 59.5993, 62.3622

Complementary

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



55.9010, 59.5993, 66.3151



55.7934, 57.9025, 61.6626

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.



57.0511, 59.5993, 62.6247



55.9010, 59.5993, 66.3151



57.5477, 59.5993, 64.7448

Square

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



55.9010, 59.5993, 66.3151



57.1416, 59.5993, 67.0642



57.4003, 59.5993, 63.4924



56.1560, 59.5993, 62.7702

Rectangle

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



55.9010, 59.5993, 66.3151



56.5431, 59.5993, 67.4789



57.4003, 59.5993, 63.4924



56.7518, 59.5993, 62.3750

Sweetspot

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



55.9027, 59.6018, 66.3164



94.0024, 99.2882, 108.8178



55.4219, 59.7898, 62.6126



20.1314, 21.2593, 23.2924



0.0000, 0.0000, 0.0000



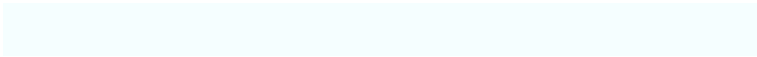
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9027, 59.6018, 66.3164



90.9350, 97.1935, 108.5752



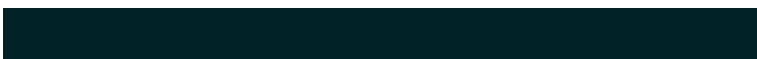
55.0948, 57.9860, 66.0471



11.9977, 12.8559, 14.4195



16.5559, 22.1357, 39.3563



0.8924, 1.2185, 2.0431

Inverse Universe

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



56.2713, 57.7280, 65.3066



91.6490, 93.5707, 106.6173



56.5931, 59.5020, 61.9292



12.1074, 12.3007, 14.1186



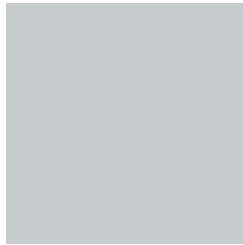
20.5676, 10.0376, 26.5051



1.0804, 0.5256, 1.4690

Previews

White Background



This preview shows how the XYZ color 55.9010, 59.5993, 66.3151 looks on a white background.

Color Contrast Check

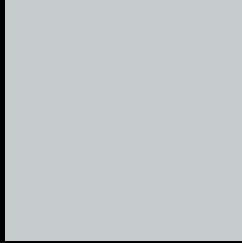
Large Text (above 18pt) WCAG AA × Fail

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 55.9010, 59.5993, 66.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

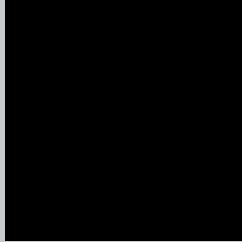
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

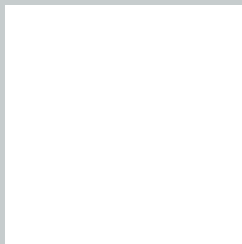
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9010, 59.5993, 66.3151

Background



This preview shows how black text looks on a background with the XYZ color 55.9010, 59.5993, 66.3151.

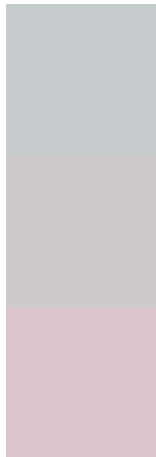


This preview shows how white text looks on a background with the XYZ color 55.9010, 59.5993,

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

55.9010, 59.5993, 66.3151

Protanopia

57.4732, 59.7225, 65.6252

Deuteranopia

60.5176, 59.2005, 67.2687



Tritanopia

57.5948, 59.5824, 74.7946

Trichromacy



Original Color

55.9010, 59.5993, 66.3151

Protanomaly

56.8836, 59.7680, 65.6650

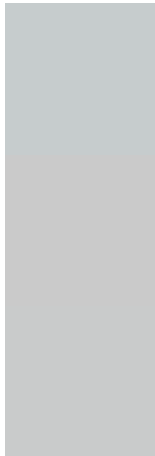
Deuteranomaly

58.7154, 59.3001, 66.7440

Tritanomaly

56.9194, 59.6581, 71.4660

Monochromacy



Original Color

55.9010, 59.5993, 66.3151

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2228, 59.4412, 65.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9010, 59.5993, 66.3151 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(198, 204, 205) looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 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(198, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.9010, 59.5993, 66.3151 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(198, 204, 205) }
```


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

```
.border{ border-color:rgb(198, 204, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9010, 59.5993, 66.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 205) }
```

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

```
.background{ background-color: rgb(198,  
204, 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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