

Converting Colors

XYZ(55.9658, 59.6840, 63.9979)

Have a look what the booklet for
XYZ(55.9658, 59.6840, 63.9979)
contains.

XYZ(55.9549, 59.6821, 63.8290)	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(55.9549, 59.6821,
63.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CCC9
RGB	200, 204, 201
RGB Percent	78%, 80%, 79%
CMY	0.2157, 0.2000, 0.2118
CMYK	0.02, 0.00, 0.01, 0.20
HSL	135°, 4%, 79%
HSV	135°, 2%, 80%
XYZ	55.9549, 59.6821, 63.8290
YIQ	202.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

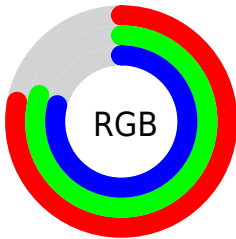
Format	Color
R _Y B	200, 203, 204
Decimal	13159625
CIE Lab	81.67, -1.92, 1.00
CIE LCh	82, 2.163, 152.365
Yxy	59.6821, 0.3118, 0.3326
Android (android.graphics.Color)	4291349705 (0xFFC8CCC9)
YUV	202.4620, -0.7208, -2.1592
Hunter-Lab	77.2542, -5.9080, 5.0913

Details

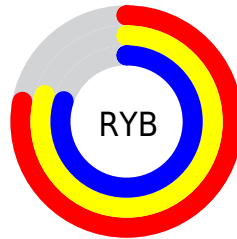
The XYZ color **55.9549, 59.6821, 63.8290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3378, 58.4593, 64.8173**, and the grayscale version is **56.4340, 59.3730, 64.6572**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0269, 30.0303, 31.9230** is the 20% darker color. If you saturate the color by 10%, you get **49.1543, 56.3758, 54.5765**, and if you desaturate by 10%, it is **63.6653, 63.4401, 74.0630**.

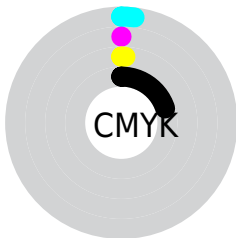
Distribution



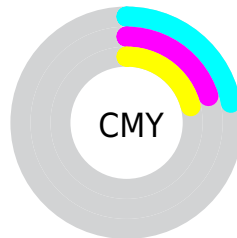
- Red (78%)
- Green (80%)
- Blue (79%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9549, 59.6821, 63.8290 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 55.9549, 59.6821, 63.8290 by changing the saturation by 10% instead.

■ 55.9549, 59.6821,
63.8290

■ 55.9549, 59.6821,
63.8290

399.5993,
423.4250, 456.7624

■ 40.4036, 43.1624,
46.0669

98.0788, 104.3684,
111.9617

■ 28.0390, 30.0126,
31.9496

125.3822,
133.3038, 143.1694

■ 18.4957, 19.8481,
21.0585

157.3336,
167.1466, 179.6961

■ 11.4083, 12.2847,
12.9751

194.2985,
206.2811, 221.9602

■ 6.4115, 6.9379,
7.2809

236.6421,
251.0919, 270.3804

■ 3.1399, 3.4233,
3.5573

284.7299,

■ 1.2282, 1.3565,

301.9632, 325.3751

1.3858

338.9272,
359.2794, 387.3629

■ 0.1284, 0.1843,
0.1306

■ 0.0000, 0.0000,
0.0000

■ 55.9549, 59.6821,
63.8290

■ 55.9549, 59.6821,
63.8290

■ 49.1543, 56.3758,
54.5765

■ 63.6653, 63.4401,
74.0630

■ 43.2248, 53.4966,
46.2728

■ 72.3124, 67.6581,
85.3022

■ 38.1319, 51.0293,
38.8889

■ 79.6094, 71.1581,
97.4660

■ 33.8372, 48.9546,
32.3931

■ 80.8840, 71.6680,
104.1780

■ 30.2994, 47.2520,
26.7516

■ 27.4728, 45.8987,
21.9286

■ 25.3072, 44.8695,
17.8859

■ 23.7452, 44.1358,
14.5820

■ 22.7190, 43.6635,
11.9714

Harmonies

Analogous

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



56.2592, 59.6821, 62.8913



55.9549, 59.6821, 63.8290



55.8568, 59.6821, 65.0871

Triad

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



55.9549, 59.6821, 63.8290



56.7621, 59.6821, 67.5180



57.4678, 59.6821, 63.6523

Complementary

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



55.9549, 59.6821, 63.8290



56.3378, 58.4593, 64.8173

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.



57.6042, 59.6821, 64.8804



55.9549, 59.6821, 63.8290



57.1954, 59.6821, 67.1219

Square

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



55.9549, 59.6821, 63.8290



56.3214, 59.6821, 67.2276



57.5042, 59.6821, 66.1522



57.1326, 59.6821, 62.7902

Rectangle

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



55.9549, 59.6821, 63.8290



55.9212, 59.6821, 65.9412



57.5042, 59.6821, 66.1522



57.5385, 59.6821, 64.0354

Sweetspot

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



55.9566, 59.6847, 63.8303



93.8115, 99.3970, 107.2423



56.6673, 60.0646, 63.2514



20.0926, 21.2814, 22.9718



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.



55.9566, 59.6847, 63.8303



92.5885, 98.8015, 105.6013



56.1858, 59.7763, 65.0374



12.3255, 13.1390, 14.0626



13.9981, 27.3446, 6.6752



0.7535, 1.4232, 0.5094

Inverse Universe

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



56.3378, 58.4593, 64.8173



93.2401, 96.7073, 107.2882



56.1085, 58.3676, 63.6097



12.4059, 12.8807, 14.2706



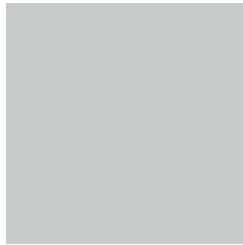
19.3336, 9.5440, 20.0070



1.0266, 0.5040, 1.1859

Previews

White Background



This preview shows how the XYZ color 55.9549, 59.6821, 63.8290 looks on a white background.

Color Contrast Check

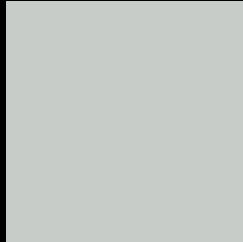
Large Text (above 18pt) WCAG AA × Fail

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 55.9549, 59.6821, 63.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

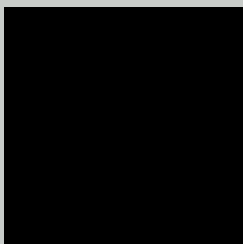
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

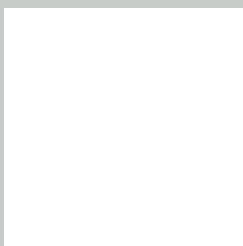
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9549, 59.6821, 63.8290

Background



This preview shows how black text looks on a background with the XYZ color 55.9549, 59.6821, 63.8290.



This preview shows how white text looks on a background with the XYZ color 55.9549, 59.6821,

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

55.9549, 59.6821, 63.8290

Protanopia

57.2780, 59.6766, 63.1434

Deuteranopia

60.6436, 59.3212, 64.7538



Tritanopia

58.0396, 59.4796, 74.0673

Trichromacy



Original Color

55.9549, 59.6821, 63.8290

Protanomaly

56.6831, 59.7194, 63.1831

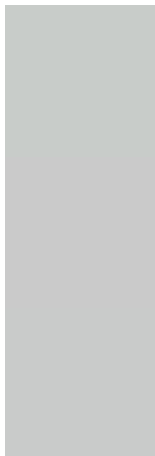
Deuteranomaly

58.8156, 59.4073, 64.2439

Tritanomaly

57.2355, 59.5008, 70.0962

Monochromacy



Original Color

55.9549, 59.6821, 63.8290

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1040, 59.3936, 64.3842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9549, 59.6821, 63.8290 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(200, 204, 201) looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 201)  
}
```

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(200, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 55.9549, 59.6821, 63.8290 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(200, 204, 201) }
```


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

```
.border{ border-color:rgb(200, 204, 201) }
```

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

Here you see how a box with a 4 pixel rgb(200, 204, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9549, 59.6821, 63.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 201) }
```

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

```
.background{ background-color: rgb(200,  
204, 201) }
```

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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