

Converting Colors

XYZ(55.2564, 59.0118, 62.9092)

Have a look what the booklet for
XYZ(55.2564, 59.0118, 62.9092)
contains.

XYZ(55.3345, 59.0241, 63.1199)	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(55.3345, 59.0241,
63.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CBC8
RGB	199, 203, 200
RGB Percent	78%, 80%, 78%
CMY	0.2196, 0.2039, 0.2157
CMYK	0.02, 0.00, 0.01, 0.20
HSL	135°, 4%, 79%
HSV	135°, 2%, 80%
XYZ	55.3345, 59.0241, 63.1199
YIQ	201.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

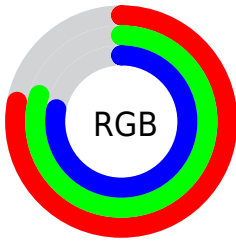
Format	Color
R_{YB}	199, 202, 203
Decimal	13093832
CIE Lab	81.30, -1.92, 1.00
CIE LCh	81, 2.165, 152.362
Yxy	59.0241, 0.3118, 0.3326
Android (android.graphics.Color)	4291283912 (0xFFC7CBC8)
YUV	201.4620, -0.7208, -2.1592
Hunter-Lab	76.8271, -5.8835, 5.0673

Details

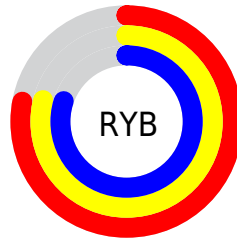
The XYZ color **55.3345, 59.0241, 63.1199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7149, 57.8093, 64.1020**, and the grayscale version is **55.8105, 58.7170, 63.9428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.6128, 29.5900, 31.4502** is the 20% darker color. If you saturate the color by 10%, you get **48.6112, 55.7553, 53.9720**, and if you desaturate by 10%, it is **62.9570, 62.7393, 73.2381**.

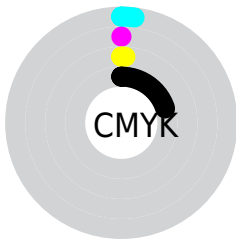
Distribution



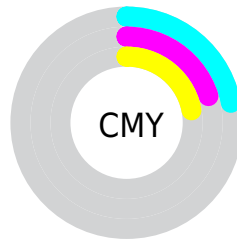
- Red (78%)
- Green (80%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3345, 59.0241, 63.1199 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 55.3345, 59.0241, 63.1199 by changing the saturation by 10% instead.

■ 55.3345, 59.0241,
63.1199

■ 55.3345, 59.0241,
63.1199

397.2945,
420.9912, 454.1244

■ 39.9045, 42.6325,
45.4966

97.1763, 103.4127,
110.9297

■ 27.6480, 29.5969,
31.5030

124.3189,
132.1785, 141.9533

■ 18.1996, 19.5328,
20.7205

156.0963,
165.8378, 178.2807

■ 11.1939, 12.0559,
12.7306

192.8740,
204.7751, 220.3305

■ 6.2657, 6.7818,
7.1147

235.0174,
249.3746, 268.5213

■ 3.0495, 3.3260,
3.4544

282.8916,

■ 1.1800, 1.3042,

300.0209, 323.2715

1.3311

336.8622,
357.0983, 384.9997

■ 0.0905, 0.1445,
0.0871

■ 0.0000, 0.0000,
0.0000

■ 55.3345, 59.0241,
63.1199

■ 55.3345, 59.0241,
63.1199

■ 48.6112, 55.7553,
53.9720

■ 62.9570, 62.7393,
73.2381

■ 42.7488, 52.9088,
45.7619

■ 71.5054, 66.9091,
84.3499

■ 37.7135, 50.4694,
38.4611

■ 79.1845, 70.6091,
96.3974

■ 33.4671, 48.4180,
32.0382

■ 80.6470, 71.1941,
104.0990

■ 29.9687, 46.7344,
26.4598

■ 27.1735, 45.3961,
21.6906

■ 25.0316, 44.3782,
17.6927

■ 23.4864, 43.6523,
14.4252

■ 22.4710, 43.1849,
11.8430

Harmonies

Analogous

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



55.6369, 59.0241, 62.1884



55.3345, 59.0241, 63.1199



55.2371, 59.0241, 64.3698

Triad

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



55.3345, 59.0241, 63.1199



56.1364, 59.0241, 66.7854



56.8377, 59.0241, 62.9446

Complementary

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



55.3345, 59.0241, 63.1199



55.7149, 57.8093, 64.1020

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.



56.9732, 59.0241, 64.1647



55.3345, 59.0241, 63.1199



56.5670, 59.0241, 66.3919

Square

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



55.3345, 59.0241, 63.1199



55.6986, 59.0241, 66.4967



56.8738, 59.0241, 65.4283



56.5046, 59.0241, 62.0881

Rectangle

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



55.3345, 59.0241, 63.1199



55.3010, 59.0241, 65.2185



56.8738, 59.0241, 65.4283



56.9079, 59.0241, 63.3252

Sweetspot

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



55.3362, 59.0266, 63.1212



93.8115, 99.3970, 107.2422



56.0423, 59.4041, 62.5462



20.0926, 21.2814, 22.9717



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.



55.3362, 59.0266, 63.1212



92.5885, 98.8015, 105.6011



55.5639, 59.1177, 64.3205



12.3255, 13.1390, 14.0625



13.9980, 27.3445, 6.6744



0.7535, 1.4232, 0.5093

Inverse Universe

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



55.7149, 57.8093, 64.1020



93.2401, 96.7073, 107.2884



55.4871, 57.7181, 62.9022



12.4059, 12.8807, 14.2707



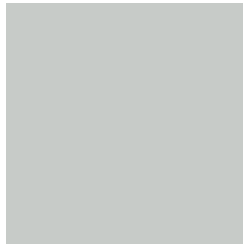
19.3341, 9.5442, 20.0099



1.0266, 0.5041, 1.1860

Previews

White Background



This preview shows how the XYZ color 55.3345, 59.0241, 63.1199 looks on a white background.

Color Contrast Check

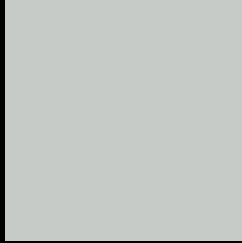
Large Text (above 18pt) WCAG AA × Fail

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 55.3345, 59.0241, 63.1199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

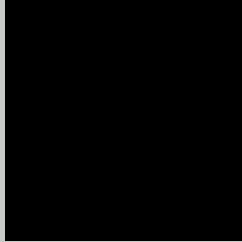
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

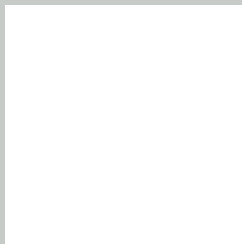
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3345, 59.0241, 63.1199

Background



This preview shows how black text looks on a background with the XYZ color 55.3345, 59.0241, 63.1199.



This preview shows how white text looks on a background with the XYZ color 55.3345, 59.0241,

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

55.3345, 59.0241, 63.1199

Protanopia

56.6490, 59.0186, 62.4388

Deuteranopia

59.9946, 58.6666, 64.0389



Tritanopia

57.4061, 58.8230, 73.2941

Trichromacy



Original Color

55.3345, 59.0241, 63.1199

Protanomaly

56.0579, 59.0611, 62.4782

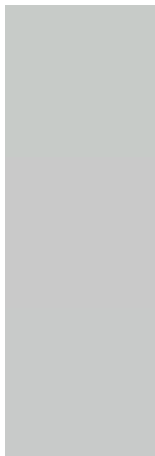
Deuteranomaly

58.1773, 58.7513, 63.5322

Tritanomaly

56.6069, 58.8439, 69.3473

Monochromacy



Original Color

55.3345, 59.0241, 63.1199

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4826, 58.7375, 63.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3345, 59.0241, 63.1199 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(199, 203, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 200)  
}
```

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(199, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.3345, 59.0241, 63.1199 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(199, 203, 200) }
```


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

```
.border{ border-color:rgb(199, 203, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 203, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 203, 200); box-shadow:4px 4px 4px 4px rgb(199, 203, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3345, 59.0241, 63.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 200) }
```

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

```
.background{ background-color: rgb(199,  
203, 200) }
```

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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