

Converting Colors

XYZ(55.6629, 59.1828, 65.6965)

Have a look what the booklet for
XYZ(55.6629, 59.1828, 65.6965)
contains.

XYZ(55.5437, 59.0773, 65.6023)	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(55.5437, 59.0773,
65.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CBCC
RGB	198, 203, 204
RGB Percent	78%, 80%, 80%
CMY	0.2235, 0.2039, 0.2000
CMYK	0.03, 0.00, 0.00, 0.20
HSL	190°, 6%, 79%
HSV	190°, 3%, 80%
XYZ	55.5437, 59.0773, 65.6023
YIQ	201.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

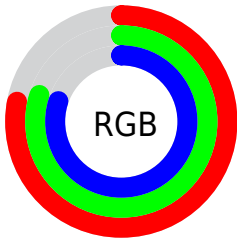
Format	Color
R _{YB}	198, 201, 204
Decimal	13028300
CIE Lab	81.33, -1.52, -1.10
CIE LCh	81, 1.877, 216.003
Yxy	59.0773, 0.3082, 0.3278
Android (android.graphics.Color)	4291218380 (0xFFC6CBCC)
YUV	201.6190, 1.1738, -3.1739
Hunter-Lab	76.8618, -5.5161, 3.1986

Details

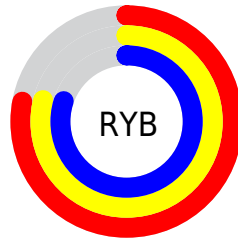
The XYZ color **55.5437, 59.0773, 65.6023** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5183, 57.7607, 61.6497**, and the grayscale version is **55.8975, 58.8085, 64.0425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7541, 29.6262, 33.1098** is the 20% darker color. If you saturate the color by 10%, you get **49.7336, 54.9089, 65.1048**, and if you desaturate by 10%, it is **62.0989, 63.6591, 66.1421**.

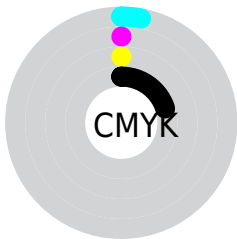
Distribution



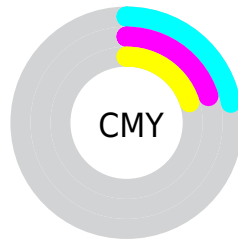
- Red (78%)
- Green (80%)
- Blue (80%)



- 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 55.5437, 59.0773, 65.6023 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 55.5437, 59.0773, 65.6023 by changing the saturation by 10% instead.

■ 55.5437, 59.0773,
65.6023

■ 55.5437, 59.0773,
65.6023

398.0726,
421.1883, 463.3185

■ 40.0728, 42.6753,
47.4952

97.4808, 103.4900,
114.5369

■ 27.7797, 29.6305,
33.0701

124.6776,
132.2695, 146.2014

■ 18.2993, 19.5583,
21.9086

156.5139,
165.9437, 183.2222

■ 11.2661, 12.0744,
13.5921

193.3548,
204.8970, 226.0178

■ 6.3147, 6.7943,
7.7020

235.5657,
249.5137, 275.0067

■ 3.0798, 3.3338,
3.8198

283.5121,

■ 1.1961, 1.3084,

300.1782, 330.6074

1.5270

337.5593,
357.2749, 393.2385

■ 0.1033, 0.1477,
0.2380

■ 0.0000, 0.0000,
0.0000

■ 55.5437, 59.0773,
65.6023

■ 55.5437, 59.0773,
65.6023

■ 49.7336, 54.9089,
65.1048

■ 62.0989, 63.6591,
66.1421

■ 44.6347, 51.1312,
64.6444

■ 69.4214, 68.6610,
66.7216

■ 40.2179, 47.7308,
64.2209

■ 75.9760, 73.2933,
67.2703

■ 36.4502, 44.6905,
63.8326

■ 76.8381, 75.0174,
67.5576

■ 33.2957, 41.9916,
63.4779

■ 77.7180, 76.7773,
67.8509

■ 30.7150, 39.6136,
63.1549

■ 78.6160, 78.5733,
68.1502

■ 28.6638, 37.5336,
62.8616

■ 79.5321, 80.4055,
68.4556

■ 27.0915, 35.7252,
62.5954

■ 80.4665, 82.2742,
68.7671

■ 25.9369, 34.1568,
62.3535

■ 81.4191, 84.1795,
69.0846

Harmonies

Analogous

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



55.4050, 59.0773, 64.5511



55.5437, 59.0773, 65.6023



55.8453, 59.0773, 66.3172

Triad

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



55.5437, 59.0773, 65.6023



56.8425, 59.0773, 65.2069



56.0724, 59.0773, 62.2023

Complementary

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



55.5437, 59.0773, 65.6023



55.5183, 57.7607, 61.6497

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.



56.4583, 59.0773, 62.3733



55.5437, 59.0773, 65.6023



56.9041, 59.0773, 64.0997

Square

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



55.5437, 59.0773, 65.6023



56.5954, 59.0773, 66.0871



56.7631, 59.0773, 63.0647



55.7093, 59.0773, 62.5947

Rectangle

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



55.5437, 59.0773, 65.6023



56.0987, 59.0773, 66.5025



56.7631, 59.0773, 63.0647



56.2037, 59.0773, 62.1959

Sweetspot

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



55.5454, 59.0798, 65.6036



93.9831, 99.2497, 108.8114



55.1796, 59.3113, 62.5127



20.1275, 21.2514, 23.2911



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.



55.5454, 59.0798, 65.6036



90.8584, 97.0404, 108.5497



54.8660, 57.7211, 65.3771



11.9859, 12.8323, 14.4155



15.9804, 20.9848, 39.1645



0.8677, 1.1691, 2.0349

Inverse Universe

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



55.8767, 57.5384, 64.6640



91.6104, 93.5552, 106.4139



56.1928, 59.1096, 61.8745



12.1014, 12.2983, 14.0873



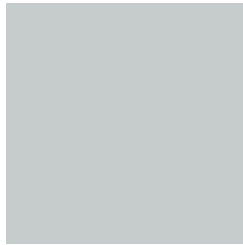
20.2771, 9.9214, 24.9755



1.0679, 0.5206, 1.4034

Previews

White Background



This preview shows how the XYZ color 55.5437, 59.0773, 65.6023 looks on a white background.

Color Contrast Check

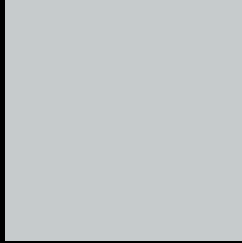
Large Text (above 18pt) WCAG AA × Fail

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 55.5437, 59.0773, 65.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

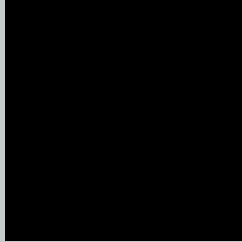
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

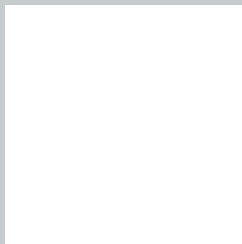
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5437, 59.0773, 65.6023

Background



This preview shows how black text looks on a background with the XYZ color 55.5437, 59.0773, 65.6023.

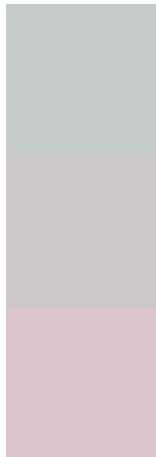


This preview shows how white text looks on a background with the XYZ color 55.5437, 59.0773, 65.6023.

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

55.5437, 59.0773, 65.6023

Protanopia

56.8430, 59.0642, 64.9045

Deuteranopia

60.2746, 59.1033, 65.9889



Tritanopia

57.2304, 59.0624, 74.0295

Trichromacy



Original Color

55.5437, 59.0773, 65.6023

Protanomaly

56.2571, 59.1094, 64.9441

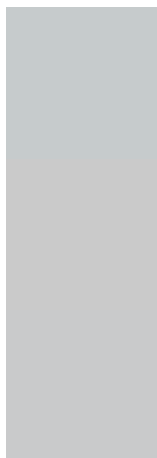
Deuteranomaly

58.5942, 59.2517, 66.1061

Tritanomaly

56.5574, 59.1366, 70.7210

Monochromacy



Original Color

55.5437, 59.0773, 65.6023

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9874, 58.9704, 64.9315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5437, 59.0773, 65.6023 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, 203, 204) looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 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(198, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.5437, 59.0773, 65.6023 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, 203, 204) }
```


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

```
.border{ border-color:rgb(198, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5437, 59.0773, 65.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 204) }
```

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

```
.background{ background-color: rgb(198,  
203, 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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