

Converting Colors

XYZ(54.9844, 59.0140, 64.9883)

Have a look what the booklet for
XYZ(54.9844, 59.0140, 64.9883)
contains.

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Color

**XYZ(55.1373, 59.2333,
65.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CCCB
RGB	196, 204, 203
RGB Percent	77%, 80%, 80%
CMY	0.2314, 0.2000, 0.2039
CMYK	0.04, 0.00, 0.00, 0.20
HSL	172°, 7%, 78%
HSV	172°, 4%, 80%
XYZ	55.1373, 59.2333, 65.0270
YIQ	201.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

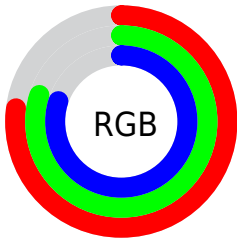
Format	Color
RYB	196, 200, 204
Decimal	12897483
CIELab	81.42, -2.91, -0.46
CIElCh	81, 2.946, 188.995
Yxy	59.2333, 0.3073, 0.3302
Android (android.graphics.Color)	4291087563 (0xFFC4CCCB)
YUV	201.4940, 0.7425, -4.8182
Hunter-Lab	76.9632, -6.8061, 3.7795

Details

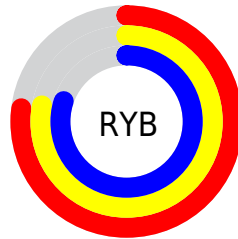
The XYZ color **55.1373, 59.2333, 65.0270** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7220, 56.3500, 60.8187**, and the grayscale version is **55.8229, 58.7300, 63.9570**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.4865, 29.7334, 32.7242** is the 20% darker color. If you saturate the color by 10%, you get **49.8857, 56.5626, 63.2043**, and if you desaturate by 10%, it is **61.1189, 62.2831, 66.9126**.

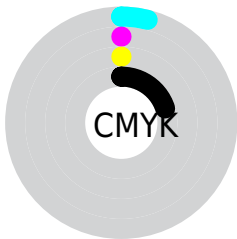
Distribution



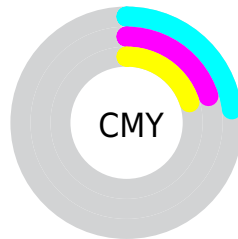
- Red (77%)
- Green (80%)
- Blue (80%)



- Red (77%)
- Yellow (78%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1373, 59.2333, 65.0270 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 55.1373, 59.2333, 65.0270 by changing the saturation by 10% instead.

■ 55.1373, 59.2333,
65.0270

■ 55.1373, 59.2333,
65.0270

396.5601,
421.7659, 461.1979

■ 39.7459, 42.8010,
47.0315

96.8892, 103.7167,
113.7023

■ 27.5238, 29.7290,
32.7060

123.9805,
132.5365, 145.2192

■ 18.1056, 19.6330,
21.6321

155.7025,
166.2542, 182.0803

■ 11.1260, 12.1285,
13.3911

192.4205,
205.2543, 224.7042

■ 6.2196, 6.8313,
7.5645

234.4999,
249.9211, 273.5093

■ 3.0210, 3.3568,
3.7338

282.3061,

■ 1.1649, 1.3207,

300.6391, 328.9143

1.4805

336.2044,
357.7926, 391.3376

■ 0.0784, 0.1572,
0.2033

■ 0.0000, 0.0000,
0.0000

■ 55.1373, 59.2333,
65.0270

■ 55.1373, 59.2333,
65.0270

■ 49.8857, 56.5626,
63.2043

■ 61.1189, 62.2831,
66.9126

■ 45.3300, 54.2484,
61.4390

■ 67.8526, 65.7183,
68.8585

■ 41.4410, 52.2773,
59.7310

■ 74.5511, 69.1348,
70.8293

■ 38.1856, 50.6323,
58.0785

■ 74.8737, 69.2639,
72.5283

■ 35.5276, 49.2947,
56.4797

■ 75.2015, 69.3950,
74.2543

■ 33.4272, 48.2440,
54.9327

■ 75.5344, 69.5282,
76.0074

■ 31.8399, 47.4572,
53.4351

■ 75.8725, 69.6634,
77.7877

■ 30.7142, 46.9078,
51.9845

■ 76.2158, 69.8007,
79.5954

■ 29.9877, 46.5636,
50.5778

■ 76.5643, 69.9401,
81.4305

Harmonies

Analogous

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



55.2006, 59.2333, 63.2863



55.1373, 59.2333, 65.0270



55.3836, 59.2333, 66.6539

Triad

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



55.1373, 59.2333, 65.0270



57.0483, 59.2333, 67.1684



56.7252, 59.2333, 61.3788

Complementary

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



55.1373, 59.2333, 65.0270



54.7220, 56.3500, 60.8187

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.



57.2254, 59.2333, 62.3832



55.1373, 59.2333, 65.0270



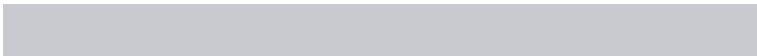
57.4128, 59.2333, 65.7190

Square

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



55.1373, 59.2333, 65.0270



56.4849, 59.2333, 67.9049



57.4779, 59.2333, 63.9659



56.1144, 59.2333, 61.2012

Rectangle

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



55.1373, 59.2333, 65.0270



55.6914, 59.2333, 67.4474



57.4779, 59.2333, 63.9659



56.9120, 59.2333, 61.6300

Sweetspot

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



55.1390, 59.2358, 65.0283



94.0666, 99.4990, 108.5855



54.6019, 59.0532, 60.7460



20.1445, 21.3022, 23.2451



0.0000, 0.0000, 0.0000



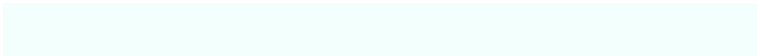
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1390, 59.2358, 65.0283



90.2575, 97.5590, 107.3379



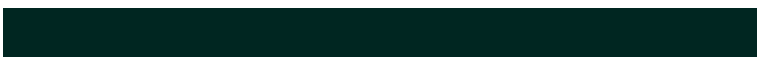
54.5680, 57.9019, 65.4299



11.9230, 12.9272, 14.2386



18.6993, 29.2250, 31.4312



0.9821, 1.5146, 1.7130

Inverse Universe

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



54.7220, 56.3500, 60.8187



89.3727, 91.4356, 98.4058



55.2758, 57.6410, 60.4379



11.7927, 12.0251, 12.9228



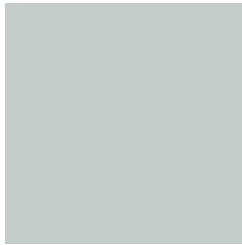
15.8069, 8.1333, 1.4356



0.8349, 0.4273, 0.1762

Previews

White Background



This preview shows how the XYZ color 55.1373, 59.2333, 65.0270 looks on a white background.

Color Contrast Check

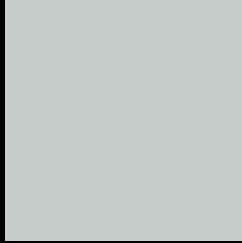
Large Text (above 18pt) WCAG AA × Fail

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 55.1373, 59.2333, 65.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

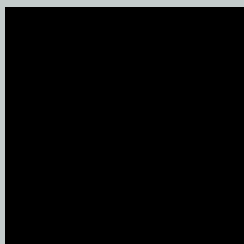
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

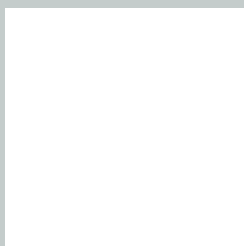
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1373, 59.2333, 65.0270

Background



This preview shows how black text looks on a background with the XYZ color 55.1373, 59.2333, 65.0270.

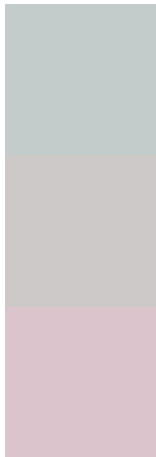


This preview shows how white text looks on a background with the XYZ color 55.1373, 59.2333,

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

55.1373, 59.2333, 65.0270

Protanopia

56.8829, 59.1121, 63.6701

Deuteranopia

60.2746, 59.1033, 65.9889



Tritanopia

57.0641, 59.3088, 74.7698

Trichromacy



Original Color

55.1373, 59.2333, 65.0270

Protanomaly

56.1383, 59.0619, 64.3184

Deuteranomaly

58.1865, 59.0554, 65.4588

Tritanomaly

56.3921, 59.3863, 71.4413

Monochromacy



Original Color

55.1373, 59.2333, 65.0270

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3344, 58.6474, 64.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1373, 59.2333, 65.0270 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(196, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 203)  
}
```

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(196, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.1373, 59.2333, 65.0270 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(196, 204, 203) }
```


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

```
.border{ border-color:rgb(196, 204, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1373, 59.2333, 65.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 203) }
```

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

```
.background{ background-color: rgb(196,  
204, 203) }
```

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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