

Converting Colors

XYZ(55.3389, 60.4951, 65.6846)

Have a look what the booklet for
XYZ(55.3389, 60.4951, 65.6846)
contains.

XYZ(55.2042, 60.3227, 65.8606)	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(55.2042, 60.3227,
65.8606)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CFCC
RGB	193, 207, 204
RGB Percent	76%, 81%, 80%
CMY	0.2431, 0.1882, 0.2000
CMYK	0.07, 0.00, 0.01, 0.19
HSL	167°, 13%, 78%
HSV	167°, 7%, 81%
XYZ	55.2042, 60.3227, 65.8606
YIQ	202.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

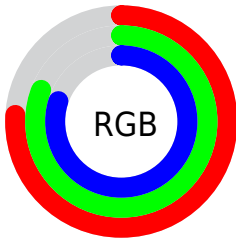
Format	Color
RYB	193, 201, 207
Decimal	12701644
CIELab	82.01, -5.30, -0.15
CIElCh	82, 5.302, 181.662
Yxy	60.3227, 0.3043, 0.3326
Android (android.graphics.Color)	4290891724 (0xFFC1CFCC)
YUV	202.4720, 0.7533, -8.3069
Hunter-Lab	77.6677, -9.0452, 4.0907

Details

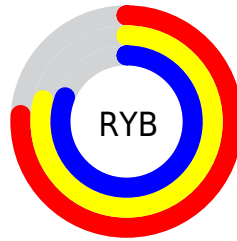
The XYZ color **55.2042, 60.3227, 65.8606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7681, 55.3924, 60.0326**, and the grayscale version is **56.4340, 59.3730, 64.6572**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.5437, 30.4734, 33.2844** is the 20% darker color. If you saturate the color by 10%, you get **49.7675, 57.5823, 62.8670**, and if you desaturate by 10%, it is **61.3981, 63.4550, 68.9714**.

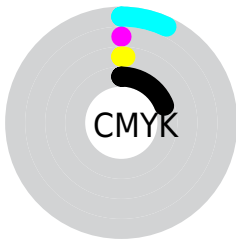
Distribution



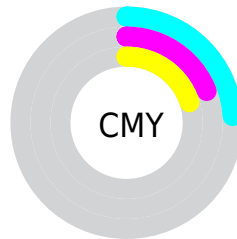
- Red (76%)
- Green (81%)
- Blue (80%)



- Red (76%)
- Yellow (79%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2042, 60.3227, 65.8606 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 55.2042, 60.3227, 65.8606 by changing the saturation by 10% instead.

■ 55.2042, 60.3227,
65.8606

■ 55.2042, 60.3227,
65.8606

396.8093,
425.7862, 464.2688

■ 39.7997, 43.6788,
47.7035

■ 96.9867, 105.2976,
114.9113

■ 27.5659, 30.4181,
33.2338

124.0953,
134.3975, 146.6420

■ 18.1375, 20.1561,
22.0330

155.8361,
168.4181, 183.7343

■ 11.1490, 12.5086,
13.6826

192.5744,
207.7438, 226.6068

■ 6.2352, 7.0910,
7.7640

234.6755,
252.7591, 275.6779

■ 3.0306, 3.5191,
3.8587

282.5048,

■ 1.1700, 1.4084,

303.8483, 331.3662

1.5482

336.4276,
361.3959, 394.0903

■ 0.0825, 0.2229,
0.2534

■ 0.0000, 0.0000,
0.0000

■ 55.2042, 60.3227,
65.8606

■ 55.2042, 60.3227,
65.8606

■ 49.7675, 57.5823,
62.8670

■ 61.3981, 63.4550,
68.9714

■ 45.0524, 55.2105,
59.9845

■ 68.3730, 66.9866,
72.1974

■ 41.0276, 53.1929,
57.2123

■ 76.1200, 70.9143,
75.5400

■ 37.6580, 51.5112,
54.5480

■ 76.7066, 71.1489,
78.6287

■ 34.9051, 50.1458,
51.9891

■ 77.3088, 71.3898,
81.7999

■ 32.7261, 49.0746,
49.5330

■ 77.9268, 71.6370,
85.0542

■ 31.0730, 48.2729,
47.1768

■ 78.5607, 71.8906,
88.3923

■ 29.8897, 47.7116,
44.9171

■ 79.2106, 72.1505,
91.8146

■ 29.1027, 47.3531,
42.7497

■ 79.8766, 72.4170,
95.3219

Harmonies

Analogous

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



55.4559, 60.3227, 62.7902



55.2042, 60.3227, 65.8606



55.5172, 60.3227, 68.9799

Triad

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



55.2042, 60.3227, 65.8606



58.4754, 60.3227, 71.0848



58.3657, 60.3227, 60.3889

Complementary

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



55.2042, 60.3227, 65.8606



54.7681, 55.3924, 60.0326

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.



59.1919, 60.3227, 62.4894



55.2042, 60.3227, 65.8606



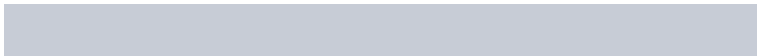
59.2559, 60.3227, 68.6595

Square

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



55.2042, 60.3227, 65.8606



57.3975, 60.3227, 72.0564



59.5198, 60.3227, 65.5021



57.2723, 60.3227, 59.6935

Rectangle

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



55.2042, 60.3227, 65.8606



56.0063, 60.3227, 70.6504



59.5198, 60.3227, 65.5021



58.6843, 60.3227, 60.9506

Sweetspot

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



55.2059, 60.3253, 65.8619



93.0229, 98.9753, 107.8885



54.7140, 60.2187, 59.1926



19.9320, 21.1955, 23.1033



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.



55.2059, 60.3253, 65.8619



87.2425, 96.0556, 104.8995



54.6205, 58.5723, 67.4612



12.0453, 13.3619, 14.5948



18.2370, 29.7877, 26.6920



1.0474, 1.6766, 1.6385

Inverse Universe

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



54.7681, 55.3924, 60.0326



86.4102, 86.6784, 93.8184



55.3185, 57.0349, 58.5462



11.9110, 11.8491, 12.8072



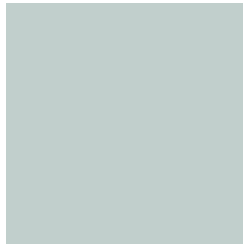
16.5323, 8.4858, 2.4432



0.9544, 0.4865, 0.2949

Previews

White Background



This preview shows how the XYZ color 55.2042, 60.3227, 65.8606 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 55.2042, 60.3227, 65.8606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

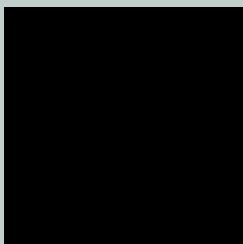
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

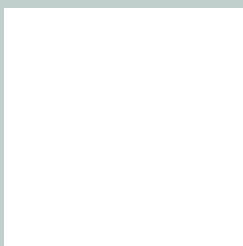
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2042, 60.3227, 65.8606

Background



This preview shows how black text looks on a background with the XYZ color 55.2042, 60.3227, 65.8606.



This preview shows how white text looks on a background with the XYZ color 55.2042, 60.3227,

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

55.2042, 60.3227, 65.8606

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.2310, 59.9183, 66.7307



Tritanopia

57.4090, 60.1420, 76.9894

Trichromacy



Original Color

55.2042, 60.3227, 65.8606

Protanomaly

57.0010, 60.1940, 65.1143

Deuteranomaly

58.7701, 60.0300, 66.2470

Tritanomaly

56.6027, 60.1710, 72.9209

Monochromacy



Original Color

55.2042, 60.3227, 65.8606

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9255, 59.6396, 65.0639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2042, 60.3227, 65.8606 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(193, 207, 204) looks like.

```
.text, #text, p{  
    color:rgb(193, 207, 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(193, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 207, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.2042, 60.3227, 65.8606 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(193, 207, 204) }
```


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

```
.border{ border-color:rgb(193, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 207,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2042, 60.3227, 65.8606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 207, 204) }
```

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

```
.background{ background-color: rgb(193,  
207, 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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