

Converting Colors

XYZ(35.1077, 40.6331, 55.8618)

Have a look what the booklet for
XYZ(35.1077, 40.6331, 55.8618)
contains.

XYZ(35.1077, 40.6331, 55.8618)	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(35.1077, 40.6331,
55.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	85B2C0
RGB	133, 178, 192
RGB Percent	52%, 70%, 75%
CMY	0.4784, 0.3019, 0.2471
CMYK	0.31, 0.07, 0.00, 0.25
HSL	194°, 32%, 64%
HSV	194°, 31%, 75%
XYZ	35.1077, 40.6331, 55.8618
YIQ	166.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

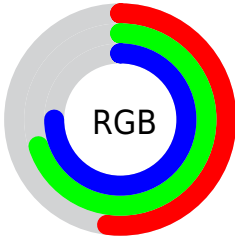
Format	Color
R_{YB}	133, 159, 192
Decimal	8762048
CIE _{Lab}	69.92, -11.59, -11.97
CIE _{LCh}	70, 16.663, 225.941
Yxy	40.6331, 0.2668, 0.3088
Android (android.graphics.Color)	4286952128 (0xFF85B2C0)
YUV	166.1410, 12.7485, -29.0647
Hunter-Lab	63.7441, -13.2415, -7.3376

Details

The XYZ color **35.1077, 40.6331, 55.8618** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.4062, 33.7678, 26.7903**, and the grayscale version is **36.2658, 38.1544, 41.5502**.

A 20% lighter version of the original color is **67.1051, 76.3143, 100.0003**, and **15.3872, 18.2806, 27.1436** is the 20% darker color. If you saturate the color by 10%, you get **31.4580, 37.4292, 55.4364**, and if you desaturate by 10%, it is **39.3441, 44.1860, 56.3250**.

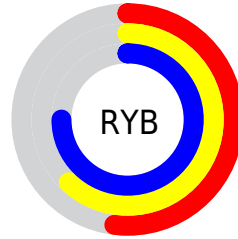
Distribution



Red (52%)

Green (70%)

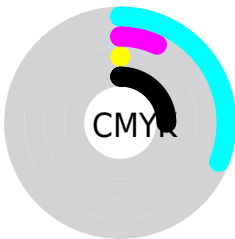
Blue (75%)



Red (52%)

Yellow (62%)

Blue (75%)

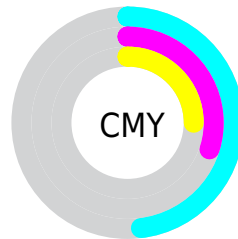


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1077, 40.6331, 55.8618 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 35.1077, 40.6331, 55.8618 by changing the saturation by 10% instead.

■ 35.1077, 40.6331,
55.8618

■ 35.1077, 40.6331,
55.8618

316.5432,
348.7848, 426.5441

■ 23.9128, 28.0325,
39.6889

■ 66.9855, 76.1266,
100.2863

■ 15.3933, 18.3502,
26.9841

■ 88.3991, 99.7883,
129.3749

■ 9.1840, 11.2017,
17.3290

■ 113.9495,
127.9059, 163.6058

■ 4.9195, 6.2027,
10.3049

144.0023,
160.8636, 203.3976

■ 2.2343, 2.9687,
5.4933

178.9227,
199.0460, 249.1688

■ 0.7607, 1.1154,
2.4758

219.0760,

■ 0.0000, 0.0000,

242.8374, 301.3379

0.8273

264.8278,
292.6222, 360.3235

■ 0.0000, 0.0000,
0.0000

■ 35.1077, 40.6331,
55.8618

■ 35.1077, 40.6331,
55.8618

■ 31.4580, 37.4292,
55.4364

■ 39.3441, 44.1860,
56.3250

■ 28.3607, 34.5535,
55.0446

■ 44.1916, 48.0982,
56.8246

■ 25.7837, 31.9897,
54.6856

■ 49.6779, 52.3851,
57.3629

■ 23.6898, 29.7184,
54.3575

■ 55.8276, 57.0600,
57.9411

■ 22.0367, 27.7173,
54.0584

■ 62.6642, 62.1353,
58.5604

■ 20.7741, 25.9600,
53.7858

■ 70.2099, 67.6229,
59.2220

■ 19.8625, 24.5018,
53.5523

■ 73.7743, 71.1052,
59.7062

■ 74.9143, 73.3853,
60.0863

■ 76.0866, 75.7298,
60.4770

Harmonies

Analogous

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



33.8218, 40.6331, 48.4708



35.1077, 40.6331, 55.8618



37.3680, 40.6331, 60.3625

Triad

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



35.1077, 40.6331, 55.8618



43.9013, 40.6331, 47.9692



37.2064, 40.6331, 31.3838

Complementary

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



35.1077, 40.6331, 55.8618



36.4062, 33.7678, 26.7903

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.



39.9008, 40.6331, 31.2830



35.1077, 40.6331, 55.8618



43.8530, 40.6331, 40.2676

Square

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



35.1077, 40.6331, 55.8618



42.4891, 40.6331, 55.4578



42.3602, 40.6331, 34.3577



34.9942, 40.6331, 34.6515

Rectangle

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



35.1077, 40.6331, 55.8618



39.1626, 40.6331, 60.8151



42.3602, 40.6331, 34.3577



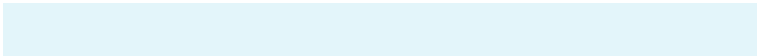
38.0835, 40.6331, 30.9926

Sweetspot

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



35.1089, 40.6347, 55.8627



81.5680, 88.3345, 103.1115



33.7716, 44.7859, 34.3735



17.2013, 18.7151, 22.0911



92.9021, 97.7402, 106.4391



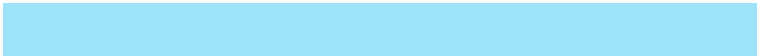
19.4759, 20.4902, 22.3138

Same Dimension

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



35.1089, 40.6347, 55.8627



58.9627, 69.5741, 100.6818



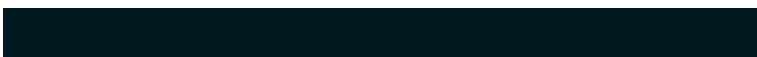
29.8935, 30.2039, 54.1243



10.1595, 11.0103, 12.8746



13.4275, 16.6116, 36.0553



0.6304, 0.8182, 1.5746

Inverse Universe

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



38.1627, 31.1969, 46.1315



65.5179, 50.1670, 79.6014



41.5504, 44.0562, 28.5051



10.3918, 10.2053, 12.1537



18.1736, 8.9592, 19.3579



0.8106, 0.3972, 0.9699

Previews

White Background



This preview shows how the XYZ color 35.1077, 40.6331, 55.8618 looks on a white background.

Color Contrast Check

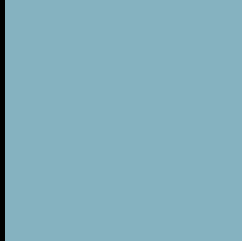
Large Text (above 18pt) WCAG AA × Fail

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 35.1077, 40.6331, 55.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

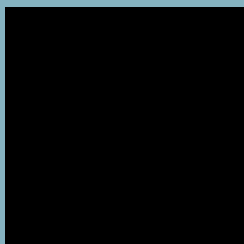
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

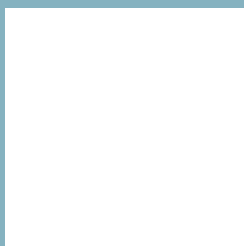
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1077, 40.6331, 55.8618

Background



This preview shows how black text looks on a background with the XYZ color 35.1077, 40.6331, 55.8618.



This preview shows how white text looks on a background with the XYZ color 35.1077, 40.6331,

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

35.1077, 40.6331, 55.8618

Protanopia

39.4131, 40.3561, 52.1666

Deuteranopia

41.1657, 40.3265, 57.2439



Tritanopia

35.1077, 40.6331, 55.8618

Trichromacy



Original Color

35.1077, 40.6331, 55.8618

Protanomaly

37.5399, 40.2038, 53.3585

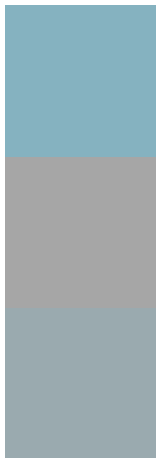
Deuteranomaly

38.6095, 40.1181, 56.7476

Tritanomaly

35.1077, 40.6331, 55.8618

Monochromacy



Original Color

35.1077, 40.6331, 55.8618

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.4390, 38.7146, 46.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1077, 40.6331, 55.8618 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(133, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(133, 178, 192)  
}
```

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(133, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 178, 192) }
```

Border

The CSS property to change the border of an element to XYZ 35.1077, 40.6331, 55.8618 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(133, 178, 192) }
```


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

```
.border{ border-color:rgb(133, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(133, 178,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1077, 40.6331, 55.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 178, 192) }
```

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

```
.background{ background-color: rgb(133,  
178, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor