

Converting Colors

XYZ(35.0303, 45.1810, 57.3177)

Have a look what the booklet for
XYZ(35.0303, 45.1810, 57.3177)
contains.

XYZ(35.1260, 45.3052, 57.3455)	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(35.1260, 45.3052,
57.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC1C1
RGB	110, 193, 193
RGB Percent	43%, 76%, 76%
CMY	0.5686, 0.2431, 0.2431
CMYK	0.43, 0.00, 0.00, 0.24
HSL	180°, 40%, 59%
HSV	180°, 43%, 76%
XYZ	35.1260, 45.3052, 57.3455
YIQ	168.1830, -49.4680, -17.5960

Conversions

Conversions Part 2

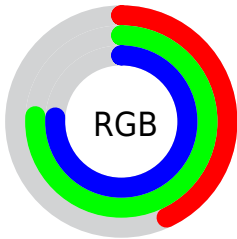
Format	Color
RYB	110, 152, 193
Decimal	7258561
CIELab	73.09, -25.21, -7.91
CIELCh	73, 26.418, 197.414
Yxy	45.3052, 0.2549, 0.3288
Android (android.graphics.Color)	4285448641 (0xFF6EC1C1)
YUV	168.1830, 12.2348, -51.0265
Hunter-Lab	67.3091, -24.6388, -3.3970

Details

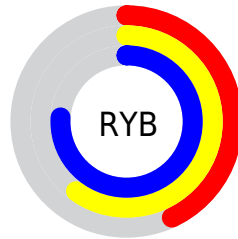
The XYZ color **35.1260, 45.3052, 57.3455** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.3843, 23.6164, 17.7104**, and the grayscale version is **37.2696, 39.2106, 42.7003**.

A 20% lighter version of the original color is **67.0104, 83.3178, 102.1726**, and **15.4344, 21.1156, 28.0732** is the 20% darker color. If you saturate the color by 10%, you get **32.9816, 44.2008, 57.2459**, and if you desaturate by 10%, it is **37.7960, 46.6827, 57.4717**.

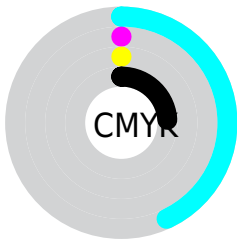
Distribution



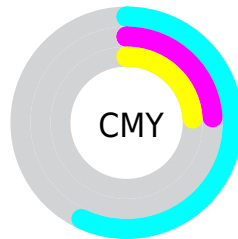
- Red (43%)
- Green (76%)
- Blue (76%)



- Red (43%)
- Yellow (60%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)





- Cyan (57%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1260, 45.3052, 57.3455 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 35.1260, 45.3052, 57.3455 by changing the saturation by 10% instead.


 35.1260, 45.3052,
57.3455


 35.1260, 45.3052,
57.3455


316.6224,
368.0082, 432.2726

 23.9269, 31.6979,
40.8715

 67.0137, 83.1782,
102.4745

 15.4039, 21.1308,
27.8997


 88.4329, 108.2127,
131.9665

 9.1915, 13.2197,
18.0117


 113.9897,
137.8250, 166.6350

 4.9244, 7.5800,
10.7889

144.0492,
172.3996, 206.8984

 2.2373, 3.8274,
5.8127

178.9769,
212.3208, 253.1754

 0.7623, 1.5775,
2.6646

219.1381,

 0.0000, 0.3423,

257.9731, 305.8844

0.9255

264.8981,
309.7407, 365.4439

■ 0.0000, 0.0000,
0.0000

■ 35.1260, 45.3052,
57.3455

■ 35.1260, 45.3052,
57.3455

■ 32.9816, 44.2008,
57.2459

■ 37.7960, 46.6827,
57.4717

■ 31.3246, 43.3466,
57.1680

■ 41.0189, 48.3442,
57.6228

■ 30.1178, 42.7245,
57.1113

■ 44.8248, 50.3062,
57.8012

■ 29.3172, 42.3117,
57.0735

■ 49.2404, 52.5825,
58.0082

■ 28.8697, 42.0811,
57.0523

■ 54.2909, 55.1861,
58.2448

■ 28.6962, 41.9916,
57.0440

■ 59.9999, 58.1292,
58.5123

■ 66.3900, 61.4234,
58.8116

■ 69.9369, 63.2519,
58.9779

■ 69.9370, 63.2519,
58.9782

Harmonies

Analogous

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



34.9571, 45.3052, 43.9889



35.1260, 45.3052, 57.3455



37.3231, 45.3052, 70.5418

Triad

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



35.1260, 45.3052, 57.3455



49.9414, 45.3052, 68.6348



45.0269, 45.3052, 28.4257

Complementary

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



35.1260, 45.3052, 57.3455



30.3843, 23.6164, 17.7104

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.



49.3593, 45.3052, 32.8632



35.1260, 45.3052, 57.3455



52.3300, 45.3052, 55.0861

Square

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



35.1260, 45.3052, 57.3455



45.7760, 45.3052, 77.8180



52.1097, 45.3052, 42.0979



40.4560, 45.3052, 28.8118

Rectangle

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



35.1260, 45.3052, 57.3455



39.7374, 45.3052, 76.7584



52.1097, 45.3052, 42.0979



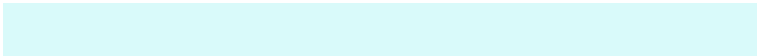
46.5654, 45.3052, 29.3641

Sweetspot

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



35.1273, 45.3070, 57.3466



80.1322, 90.0200, 103.5118



28.4897, 42.6720, 21.4878



16.8465, 19.1347, 22.1906



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.



35.1273, 45.3070, 57.3466



59.1327, 79.1944, 102.5270



27.4296, 29.9110, 54.7818



10.3686, 11.4285, 12.9442



19.0856, 27.9283, 37.9395



0.8246, 1.2067, 1.6393

Inverse Universe

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



30.3843, 23.6164, 17.7104



49.4867, 35.0819, 21.9183



35.7334, 34.3148, 19.4929



10.0732, 10.0779, 10.4762



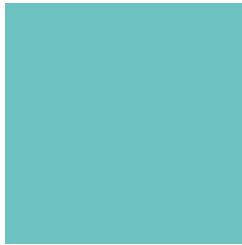
14.6275, 7.5408, 0.6847



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 35.1260, 45.3052, 57.3455 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 35.1260, 45.3052, 57.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

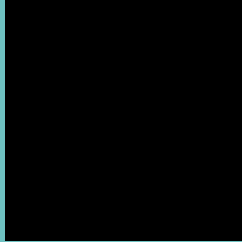
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1260, 45.3052, 57.3455

Background



This preview shows how black text looks on a background with the XYZ color 35.1260, 45.3052, 57.3455.



This preview shows how white text looks on a background with the XYZ color 35.1260, 45.3052,

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

35.1260, 45.3052, 57.3455

Protanopia

43.3945, 45.0048, 51.7471

Deuteranopia

45.7076, 44.8681, 59.0747



Tritanopia

36.7108, 45.2952, 65.2005

Trichromacy



Original Color

35.1260, 45.3052, 57.3455

Protanomaly

39.4207, 44.4234, 53.5106

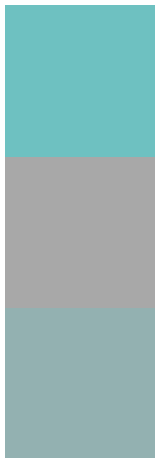
Deuteranomaly

40.7858, 44.4042, 58.6458

Tritanomaly

36.2023, 45.4270, 62.1186

Monochromacy



Original Color

35.1260, 45.3052, 57.3455

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.6906, 40.8216, 47.5932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1260, 45.3052, 57.3455 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(110, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(110, 193, 193)  
}
```

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(110, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 35.1260, 45.3052, 57.3455 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(110, 193, 193) }
```


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

```
.border{ border-color:rgb(110, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(110, 193,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1260, 45.3052, 57.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 193, 193) }
```

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

```
.background{ background-color: rgb(110,  
193, 193) }
```

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