

Converting Colors

XYZ(35.3718, 45.2527, 60.4982)

Have a look what the booklet for
XYZ(35.3718, 45.2527, 60.4982)
contains.

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Color

**XYZ(35.4473, 45.4053,
60.3219)**

Conversions

Conversions Part 1

Format	Color
Hex	6CC1C6
RGB	108, 193, 198
RGB Percent	42%, 76%, 78%
CMY	0.5765, 0.2431, 0.2235
CMYK	0.45, 0.03, 0.00, 0.22
HSL	183°, 44%, 60%
HSV	183°, 45%, 78%
XYZ	35.4473, 45.4053, 60.3219
YIQ	168.1550, -52.2650, -16.4650

Conversions

Conversions Part 2

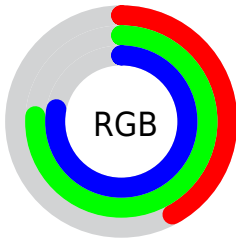
Format	Color
RYB	108, 152, 198
Decimal	7127494
CIELab	73.16, -24.40, -10.54
CIElCh	73, 26.579, 203.365
Yxy	45.4053, 0.2511, 0.3216
Android (android.graphics.Color)	4285317574 (0xFF6CC1C6)
YUV	168.1550, 14.7136, -52.7559
Hunter-Lab	67.3835, -24.0205, -5.9082

Details

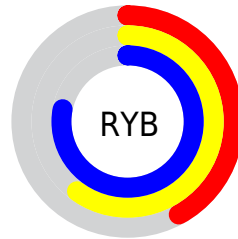
The XYZ color **35.4473, 45.4053, 60.3219** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.9013, 24.8993, 17.3130**, and the grayscale version is **37.2451, 39.1847, 42.6721**.

A 20% lighter version of the original color is **67.7527, 83.5905, 107.1714**, and **15.5333, 21.1318, 29.6457** is the 20% darker color. If you saturate the color by 10%, you get **33.0655, 43.8190, 60.1420**, and if you desaturate by 10%, it is **38.3805, 47.2807, 60.5301**.

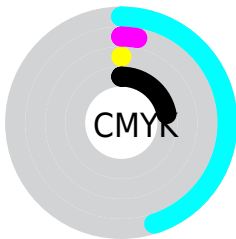
Distribution



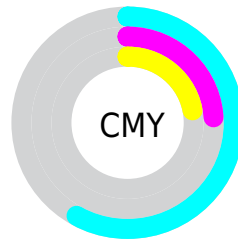
- Red (42%)
- Green (76%)
- Blue (78%)



- Red (42%)
- Yellow (60%)
- Blue (78%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4473, 45.4053, 60.3219 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 35.4473, 45.4053, 60.3219 by changing the saturation by 10% instead.

■ 35.4473, 45.4053,
60.3219

■ 35.4473, 45.4053,
60.3219

318.0118,
368.4126, 443.6208

■ 24.1758, 31.7768,
43.2512

■ 67.5076, 83.3283,
106.8444

■ 15.5895, 21.1911,
29.7494

■ 89.0271, 108.3915,
137.1333

■ 9.3231, 13.2637,
19.3980

■ 114.6932,
138.0351, 172.6653

■ 5.0113, 7.6104,
11.7785

144.8714,
172.6435, 213.8589

■ 2.2887, 3.8467,
6.4723

179.9271,
212.6011, 261.1327

■ 0.7889, 1.5882,
3.0610

220.2254,

■ 0.0000, 0.3496,

258.2921, 314.9053

1.1258

266.1319,
310.1012, 375.5951

■ 0.0000, 0.0000,
0.0000

■ 35.4473, 45.4053,
60.3219

■ 35.4473, 45.4053,
60.3219

■ 33.0655, 43.8190,
60.1420

■ 38.3805, 47.2807,
60.5301

■ 31.1934, 42.4970,
59.9855

■ 41.8949, 49.4573,
60.7650

■ 29.7903, 41.4195,
59.8515

■ 46.0231, 51.9531,
61.0291

■ 28.8071, 40.5611,
59.7377

■ 50.7942, 54.7830,
61.3239

■ 28.1836, 39.8909,
59.6411

■ 56.2353, 57.9610,
61.6505

■ 27.9647, 39.6203,
59.6005

■ 62.3720, 61.5002,
62.0102

■ 69.2284, 65.4133,
62.4042

■ 72.5068, 67.4845,
62.6312

■ 72.7654, 68.0017,
62.7174

Harmonies

Analogous

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



34.8592, 45.4053, 46.5343



35.4473, 45.4053, 60.3219



38.0307, 45.4053, 73.0038

Triad

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



35.4473, 45.4053, 60.3219



50.7478, 45.4053, 66.3740



44.1993, 45.4053, 28.0906

Complementary

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



35.4473, 45.4053, 60.3219



31.9013, 24.8993, 17.3130

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.



48.7230, 45.4053, 31.5837



35.4473, 45.4053, 60.3219



52.6755, 45.4053, 52.4614

Square

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



35.4473, 45.4053, 60.3219



46.8057, 45.4053, 76.9141



51.9092, 45.4053, 39.9501



39.7018, 45.4053, 29.4363

Rectangle

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



35.4473, 45.4053, 60.3219



40.6434, 45.4053, 78.3047



51.9092, 45.4053, 39.9501



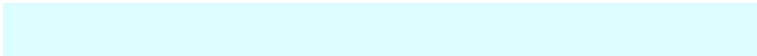
45.7709, 45.4053, 28.7136

Sweetspot

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



35.4487, 45.4071, 60.3230



82.4845, 92.5882, 108.1317



29.3319, 44.7582, 22.5698



17.2853, 19.5964, 23.1214



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.



35.4487, 45.4071, 60.3230



58.4128, 77.4988, 106.4878



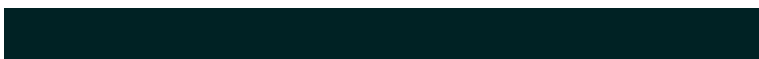
27.0468, 28.6034, 57.5224



10.8943, 11.9627, 13.6523



18.2070, 25.8079, 38.7662



0.8779, 1.2535, 1.8408

Inverse Universe

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



38.2780, 26.5822, 53.5675



64.1634, 40.1930, 92.5431



38.1381, 37.3730, 19.3919



11.0567, 10.8061, 13.2818



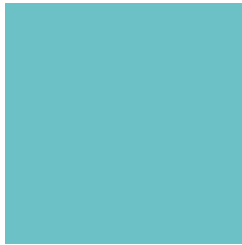
20.9894, 10.1453, 31.4836



1.0018, 0.4836, 1.5326

Previews

White Background



This preview shows how the XYZ color 35.4473, 45.4053, 60.3219 looks on a white background.

Color Contrast Check

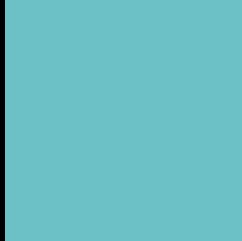
Large Text (above 18pt) WCAG AA × Fail

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 35.4473, 45.4053, 60.3219 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

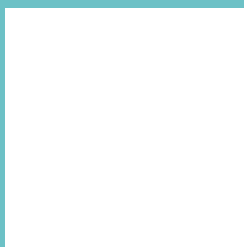
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4473, 45.4053, 60.3219

Background



This preview shows how black text looks on a background with the XYZ color 35.4473, 45.4053, 60.3219.

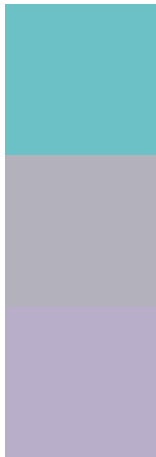


This preview shows how white text looks on a background with the XYZ color 35.4473, 45.4053,

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

35.4473, 45.4053, 60.3219

Protanopia

43.5879, 45.0553, 53.9762

Deuteranopia

45.8043, 44.8507, 62.1200



Tritanopia

36.6677, 45.5838, 65.8974

Trichromacy



Original Color

35.4473, 45.4053, 60.3219

Protanomaly

39.5848, 44.4450, 56.3616

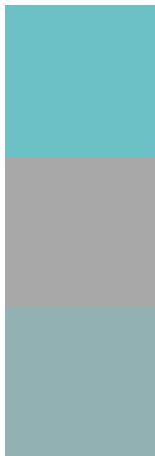
Deuteranomaly

40.9711, 44.4329, 61.6753

Tritanomaly

36.1791, 45.3739, 63.9779

Monochromacy



Original Color

35.4473, 45.4053, 60.3219

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.7129, 40.8099, 48.6427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4473, 45.4053, 60.3219 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(108, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 193, 198)  
}
```

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(108, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 193, 198) }
```

Border

The CSS property to change the border of an element to XYZ 35.4473, 45.4053, 60.3219 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(108, 193, 198) }
```


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

```
.border{ border-color:rgb(108, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(108, 193,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4473, 45.4053, 60.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 193, 198) }
```

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

```
.background{ background-color: rgb(108,  
193, 198) }
```

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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