

Converting Colors

XYZ(35.5368, 45.7607, 65.6353)

Have a look what the booklet for
XYZ(35.5368, 45.7607, 65.6353)
contains.

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Color

**XYZ(35.4694, 45.6365,
65.3318)**

Conversions

Conversions Part 1

Format	Color
Hex	62C2CE
RGB	98, 194, 206
RGB Percent	38%, 76%, 81%
CMY	0.6157, 0.2392, 0.1922
CMYK	0.52, 0.06, 0.00, 0.19
HSL	187°, 52%, 60%
HSV	187°, 52%, 81%
XYZ	35.4694, 45.6365, 65.3318
YIQ	166.6640, -61.0680, -16.6200

Conversions

Conversions Part 2

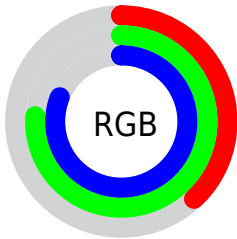
Format	Color
RYB	98, 149, 206
Decimal	6472398
CIELab	73.31, -24.98, -14.71
CIELCh	73, 28.984, 210.492
Yxy	45.6365, 0.2422, 0.3116
Android (android.graphics.Color)	4284662478 (0xFF62C2CE)
YUV	166.6640, 19.3926, -60.2183
Hunter-Lab	67.5548, -24.5001, -10.0506

Details

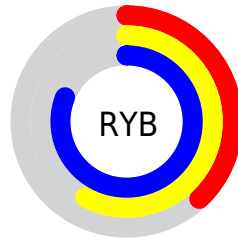
The XYZ color **35.4694, 45.6365, 65.3318** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.2351, 25.1565, 14.6606**, and the grayscale version is **36.4986, 38.3993, 41.8169**.

A 20% lighter version of the original color is **66.2575, 83.2823, 107.1907**, and **15.6107, 21.3145, 32.9971** is the 20% darker color. If you saturate the color by 10%, you get **33.0211, 43.6250, 65.0734**, and if you desaturate by 10%, it is **38.5003, 47.9620, 65.6217**.

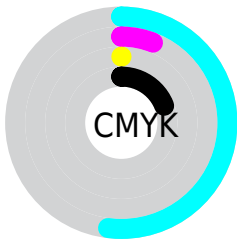
Distribution



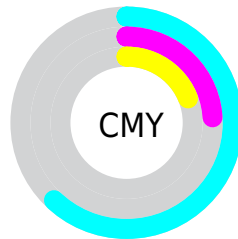
- Red (38%)
- Green (76%)
- Blue (81%)



- Red (38%)
- Yellow (58%)
- Blue (81%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4694, 45.6365, 65.3318 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 35.4694, 45.6365, 65.3318 by changing the saturation by 10% instead.

35.4694, 45.6365,
65.3318

35.4694, 45.6365,
65.3318

318.1072,
369.3453, 462.3222

24.1929, 31.9591,
47.2771

67.5416, 83.6747,
114.1446

15.6023, 21.3302,
32.8989

89.0679, 108.8043,
145.7398

9.3322, 13.3656,
21.7785

114.7416,
138.5201, 182.6856

5.0173, 7.6808,
13.4975

144.9279,
173.2064, 225.4005

2.2923, 3.8914,
7.6373

179.9923,
213.2477, 274.3030

0.7907, 1.6130,
3.7793

220.3001,

0.0000, 0.3663,

259.0284, 329.8118

1.5051

266.2166,
310.9328, 392.3453

■ 0.0000, 0.0000,
0.2217

■ 0.0000, 0.0000,
0.0000

■ 35.4694, 45.6365,
65.3318

■ 35.4694, 45.6365,
65.3318

■ 33.0211, 43.6250,
65.0734

■ 38.5003, 47.9620,
65.6217

■ 31.1063, 41.8991,
64.8412

■ 42.1496, 50.6170,
65.9419

■ 29.6749, 40.4340,
64.6338

■ 46.4553, 53.6221,
66.2950

■ 28.6650, 39.1976,
64.4484

■ 51.4509, 56.9948,
66.6827

■ 28.0979, 38.3707,
64.3187

■ 57.1680, 60.7511,
67.1064

■ 63.6357, 64.9064,
67.5675

■ 70.8819, 69.4749,
68.0674

■ 76.0023, 72.9595,
68.4702

■ 76.5796, 74.1141,
68.6626

Harmonies

Analogous

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



34.2979, 45.6365, 49.9319



35.4694, 45.6365, 65.3318



38.7271, 45.6365, 78.3294

Triad

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



35.4694, 45.6365, 65.3318



52.4739, 45.6365, 64.8319



43.2920, 45.6365, 26.5816

Complementary

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



35.4694, 45.6365, 65.3318



33.2351, 25.1565, 14.6606

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.



48.3830, 45.6365, 29.0522



35.4694, 45.6365, 65.3318



53.9296, 45.6365, 49.4497

Square

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



35.4694, 45.6365, 65.3318



48.5400, 45.6365, 78.0033



52.3784, 45.6365, 36.7688



38.5921, 45.6365, 29.2211

Rectangle

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



35.4694, 45.6365, 65.3318



41.7778, 45.6365, 82.8203



52.3784, 45.6365, 36.7688



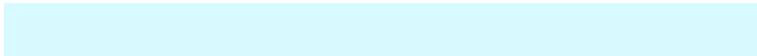
45.0147, 45.6365, 26.8357

Sweetspot

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



35.4708, 45.6382, 65.3329



80.1709, 90.2082, 107.7942



29.8590, 47.8401, 22.0733



16.7980, 19.0641, 23.0443



0.0000, 0.0000, 0.0000



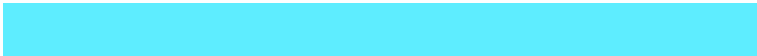
20.3446, 21.4041, 23.3091

Same Dimension

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



35.4708, 45.6382, 65.3329



53.0303, 70.2747, 105.3771



25.7333, 26.1631, 62.0870



11.4327, 12.5058, 14.3817



17.3460, 23.7160, 39.6197



0.9259, 1.2856, 2.0543

Inverse Universe

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



39.5601, 25.7535, 53.9267



60.5822, 35.4511, 83.8871



40.7210, 40.1284, 17.1559



11.6318, 11.3814, 13.8615



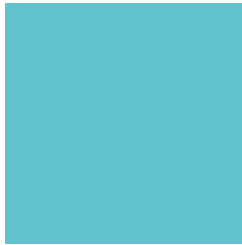
20.9664, 10.1971, 28.6052



1.0973, 0.5323, 1.5583

Previews

White Background



This preview shows how the XYZ color 35.4694, 45.6365, 65.3318 looks on a white background.

Color Contrast Check

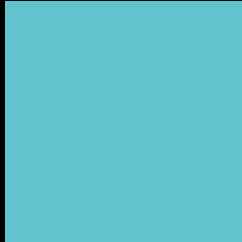
Large Text (above 18pt) WCAG AA × Fail

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 35.4694, 45.6365, 65.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

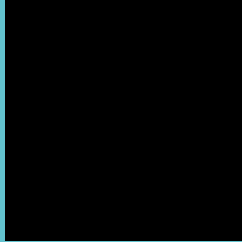
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4694, 45.6365, 65.3318

Background



This preview shows how black text looks on a background with the XYZ color 35.4694, 45.6365, 65.3318.



This preview shows how white text looks on a background with the XYZ color 35.4694, 45.6365,

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

35.4694, 45.6365, 65.3318

Protanopia

44.0157, 45.1734, 58.6240

Deuteranopia

46.0189, 45.1368, 67.2596



Tritanopia

35.9460, 45.8397, 67.2750

Trichromacy



Original Color

35.4694, 45.6365, 65.3318

Protanomaly

39.7786, 44.7470, 61.1841

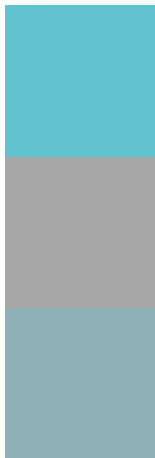
Deuteranomaly

40.9991, 44.6387, 66.7768

Tritanomaly

35.8225, 45.7903, 66.6249

Monochromacy



Original Color

35.4694, 45.6365, 65.3318

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.2180, 40.5313, 49.6832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4694, 45.6365, 65.3318 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(98, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(98, 194, 206)  
}
```

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(98, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 194, 206) }
```

Border

The CSS property to change the border of an element to XYZ 35.4694, 45.6365, 65.3318 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(98, 194, 206) }
```


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

```
.border{ border-color:rgb(98, 194, 206) }
```

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

Here you see how a box with a 4 pixel rgb(98, 194, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 194, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 194, 206);  
box-shadow:4px 4px 4px 4px rgb(98, 194,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4694, 45.6365, 65.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 194, 206) }
```

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

```
.background{ background-color: rgb(98, 194,  
206) }
```

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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