

Converting Colors

XYZ(37.4601, 45.6131, 58.3676)

Have a look what the booklet for
XYZ(37.4601, 45.6131, 58.3676)
contains.

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Color

**XYZ(37.4697, 45.5129,
58.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	82BEC3
RGB	130, 190, 195
RGB Percent	51%, 75%, 76%
CMY	0.4902, 0.2549, 0.2353
CMYK	0.33, 0.03, 0.00, 0.24
HSL	185°, 35%, 64%
HSV	185°, 33%, 76%
XYZ	37.4697, 45.5129, 58.4398
YIQ	172.6300, -37.3650, -11.1650

Conversions

Conversions Part 2

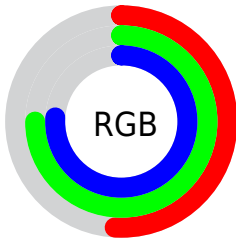
Format	Color
R_{YB}	130, 161, 195
Decimal	8568515
CIE _{Lab}	73.23, -17.98, -8.69
CIE _{LCh}	73, 19.975, 205.797
Yxy	45.5129, 0.2649, 0.3218
Android (android.graphics.Color)	4286758595 (0xFF82BEC3)
YUV	172.6300, 11.0284, -37.3865
Hunter-Lab	67.4632, -18.9202, -4.1355

Details

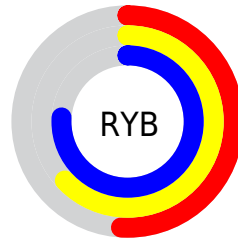
The XYZ color **37.4697, 45.5129, 58.4398** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1995, 30.5421, 25.1600**, and the grayscale version is **39.4926, 41.5493, 45.2471**.

A 20% lighter version of the original color is **70.5340, 83.2541, 104.4476**, and **16.6724, 21.1092, 28.3951** is the 20% darker color. If you saturate the color by 10%, you get **34.4347, 43.4698, 58.2062**, and if you desaturate by 10%, it is **41.0775, 47.8585, 58.7032**.

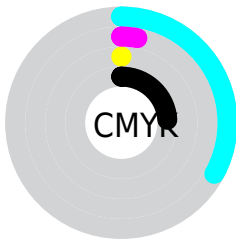
Distribution



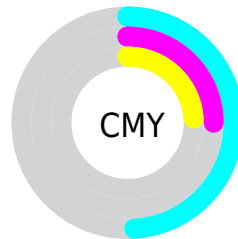
- Red (51%)
- Green (75%)
- Blue (76%)



- Red (51%)
- Yellow (63%)
- Blue (76%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4697, 45.5129, 58.4398 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 37.4697, 45.5129, 58.4398 by changing the saturation by 10% instead.

■ 37.4697, 45.5129,
58.4398

■ 37.4697, 45.5129,
58.4398

■ 326.6599,
368.8469, 436.4667

■ 25.7467, 31.8616,
41.7453

■ 70.6037, 83.4895,
104.0841

■ 16.7659, 21.2558,
28.5778

■ 92.7455, 108.5837,
133.8710

■ 10.1620, 13.3111,
18.5189

■ 119.0909,
138.2609, 168.8591

■ 5.5696, 7.6431,
11.1499

■ 150.0053,
172.9056, 209.4670

■ 2.6233, 3.8675,
6.0523

■ 185.8541,
212.9021, 256.1131

■ 0.9579, 1.5997,
2.8076

■ 227.0025,

■ 0.0000, 0.3574,

258.6349, 309.2161

0.9972

273.8160,
310.4884, 369.1944

■ 0.0000, 0.0000,
0.0000

■ 37.4697, 45.5129,
58.4398

■ 37.4697, 45.5129,
58.4398

■ 34.4347, 43.4698,
58.2062

■ 41.0775, 47.8585,
58.7032

■ 31.9365, 41.7072,
57.9976

■ 45.2838, 50.5165,
58.9945

■ 29.9409, 40.2087,
57.8136

■ 50.1173, 53.5029,
59.3162

■ 28.4085, 38.9539,
57.6521

■ 55.6040, 56.8309,
59.6694

■ 27.2938, 37.9192,
57.5112

■ 61.7681, 60.5132,
60.0553

■ 26.5419, 37.0765,
57.3882

■ 68.6329, 64.5617,
60.4749

■ 26.1733, 36.5858,
57.3129

■ 71.8606, 66.7403,
60.7253

■ 72.2107, 67.4406,
60.8420

■ 72.5642, 68.1476,
60.9598

Harmonies

Analogous

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



36.8789, 45.5129, 48.1546



37.4697, 45.5129, 58.4398



39.5795, 45.5129, 67.2960

Triad

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



37.4697, 45.5129, 58.4398



49.0759, 45.5129, 61.2175



43.7545, 45.5129, 32.6901

Complementary

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



37.4697, 45.5129, 58.4398



35.1995, 30.5421, 25.1600

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.



47.1590, 45.5129, 35.2443



37.4697, 45.5129, 58.4398



50.3347, 45.5129, 50.9839

Square

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



37.4697, 45.5129, 58.4398



46.2586, 45.5129, 69.0457



49.6151, 45.5129, 41.6211



40.3913, 45.5129, 34.1292

Rectangle

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



37.4697, 45.5129, 58.4398



41.6260, 45.5129, 70.7228



49.6151, 45.5129, 41.6211



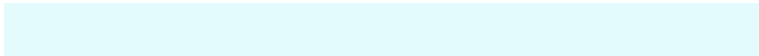
44.9335, 45.5129, 33.0996

Sweetspot

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



37.4711, 45.5147, 58.4408



83.7293, 92.1090, 105.8356



33.0483, 45.5075, 29.7193



18.0733, 20.0079, 23.1593



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.



37.4711, 45.5147, 58.4408



63.0494, 78.7960, 104.3559



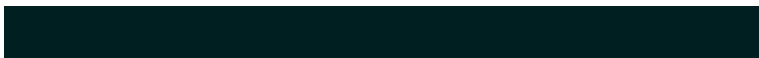
31.3125, 33.1976, 56.3880



10.3001, 11.2916, 12.9215



17.0388, 23.8342, 37.2590



0.7563, 1.0699, 1.6165

Inverse Universe

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



39.7837, 31.2861, 52.6593



67.8839, 49.6378, 92.1380



40.3240, 40.7912, 26.8682



10.4628, 10.2337, 12.5276



19.9964, 9.6883, 28.9568



0.8741, 0.4227, 1.3044

Previews

White Background



This preview shows how the XYZ color 37.4697, 45.5129, 58.4398 looks on a white background.

Color Contrast Check

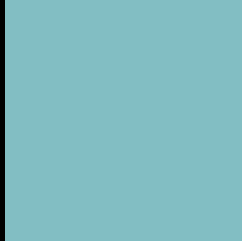
Large Text (above 18pt) WCAG AA × Fail

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 37.4697, 45.5129, 58.4398 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 37.4697, 45.5129, 58.4398

Background



This preview shows how black text looks on a background with the XYZ color 37.4697, 45.5129, 58.4398.



This preview shows how white text looks on a background with the XYZ color 37.4697, 45.5129,

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

37.4697, 45.5129, 58.4398

Protanopia

43.8199, 45.1749, 53.9870

Deuteranopia

46.0681, 45.0407, 59.6918



Tritanopia

38.6124, 45.6604, 63.9050

Trichromacy



Original Color

37.4697, 45.5129, 58.4398

Protanomaly

41.0322, 44.8989, 55.7939

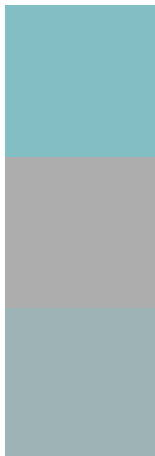
Deuteranomaly

42.3357, 44.8892, 59.2565

Tritanomaly

38.1003, 45.4375, 62.0206

Monochromacy



Original Color

37.4697, 45.5129, 58.4398

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.3652, 42.7445, 49.9445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4697, 45.5129, 58.4398 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(130, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(130, 190, 195)  
}
```

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(130, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 190, 195) }
```

Border

The CSS property to change the border of an element to XYZ 37.4697, 45.5129, 58.4398 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(130, 190, 195) }
```


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

```
.border{ border-color:rgb(130, 190, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 190, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 190, 195); box-shadow:4px 4px 4px 4px rgb(130, 190, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4697, 45.5129, 58.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 190, 195) }
```

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

```
.background{ background-color: rgb(130,  
190, 195) }
```

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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