

Converting Colors

XYZ(37.2657, 50.7490, 59.5688)

Have a look what the booklet for
XYZ(37.2657, 50.7490, 59.5688)
contains.

XYZ(37.2885, 50.8494, 59.4794)	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(37.2885, 50.8494,
59.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	65CEC3
RGB	101, 206, 195
RGB Percent	40%, 81%, 76%
CMY	0.6039, 0.1921, 0.2353
CMYK	0.51, 0.00, 0.05, 0.19
HSL	174°, 52%, 60%
HSV	174°, 51%, 81%
XYZ	37.2885, 50.8494, 59.4794
YIQ	173.3510, -59.0490, -25.6810

Conversions

Conversions Part 2

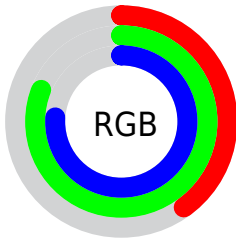
Format	Color
RYB	101, 156, 206
Decimal	6672067
CIELab	76.59, -33.06, -3.86
CIELCh	77, 33.280, 186.659
Yxy	50.8494, 0.2526, 0.3445
Android (android.graphics.Color)	4284862147 (0xFF65CEC3)
YUV	173.3510, 10.6730, -63.4518
Hunter-Lab	71.3088, -31.4498, 0.4617

Details

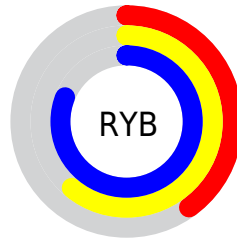
The XYZ color **37.2885, 50.8494, 59.4794** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.0337, 23.6006, 18.1455**, and the grayscale version is **39.8698, 41.9461, 45.6793**.

A 20% lighter version of the original color is **67.4707, 85.8560, 104.2826**, and **16.6019, 24.4314, 29.0400** is the 20% darker color. If you saturate the color by 10%, you get **35.0228, 49.7106, 58.1095**, and if you desaturate by 10%, it is **40.1388, 52.2916, 60.8973**.

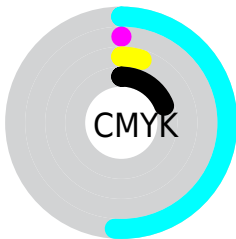
Distribution



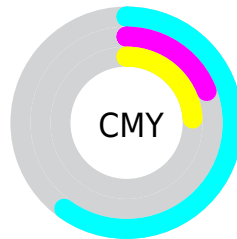
- Red (40%)
- Green (81%)
- Blue (76%)



- Red (40%)
- Yellow (61%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2885, 50.8494, 59.4794 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 37.2885, 50.8494, 59.4794 by changing the saturation by 10% instead.

■ 37.2885, 50.8494,
59.4794

■ 37.2885, 50.8494,
59.4794

325.8918,
389.9784, 440.4274

■ 25.6056, 36.0888,
42.5766

■ 70.3272, 91.4321,
105.6101

■ 16.6600, 24.5028,
29.2241

■ 92.4138, 118.0230,
135.6750

■ 10.0862, 15.7070,
19.0034

■ 118.6990,
149.3261, 170.9644

■ 5.5188, 9.3170,
11.4959

■ 149.5482,
185.7258, 211.8969

■ 2.5926, 4.9486,
6.2831

185.3267,
227.6064, 258.8908

■ 0.9422, 2.2171,
2.9464

226.3999,

■ 0.0000, 0.7293,

275.3525, 312.3649

1.0673

273.1331,
329.3484, 372.7376

■ 0.0000, 0.0000,
0.0000

■ 37.2885, 50.8494,
59.4794

■ 37.2885, 50.8494,
59.4794

■ 35.0228, 49.7106,
58.1095

■ 40.1388, 52.2916,
60.8973

■ 33.2931, 48.8465,
56.7820

■ 43.6086, 54.0515,
62.3615

■ 32.0505, 48.2331,
55.4955

■ 47.7355, 56.1498,
63.8751

■ 31.2350, 47.8395,
54.2472

■ 52.5527, 58.6035,
65.4396

■ 30.7677, 47.6225,
53.1480

■ 58.0913, 61.4287,
67.0566

■ 64.3803, 64.6404,
68.7276

■ 71.4473, 68.2527,
70.4538

■ 75.2298, 70.1713,
72.0452

■ 75.5045, 70.2811,
73.4915

Harmonies

Analogous

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



38.0575, 50.8494, 42.7484



37.2885, 50.8494, 59.4794



39.2656, 50.8494, 78.7211

Triad

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



37.2885, 50.8494, 59.4794



55.9152, 50.8494, 88.0502



53.2815, 50.8494, 29.2698

Complementary

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



37.2885, 50.8494, 59.4794



33.0337, 23.6006, 18.1455

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.



58.6938, 50.8494, 37.1584



37.2885, 50.8494, 59.4794



60.3042, 50.8494, 70.2509

Square

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



37.2885, 50.8494, 59.4794



49.7464, 50.8494, 97.3748



61.3627, 50.8494, 51.4474



46.9423, 50.8494, 27.6023

Rectangle

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



37.2885, 50.8494, 59.4794



41.9851, 50.8494, 89.6260



61.3627, 50.8494, 51.4474



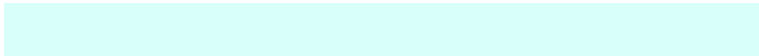
55.2857, 50.8494, 31.1835

Sweetspot

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



37.2900, 50.8514, 59.4806



81.7124, 93.1980, 104.9426



31.2642, 48.6115, 20.0484



17.1349, 19.7674, 22.3464



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.



37.2900, 50.8514, 59.4806



56.4908, 80.4124, 93.9741



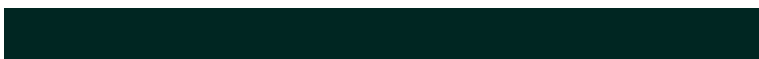
30.0999, 34.4064, 63.4493



11.4906, 12.7060, 14.1411



18.9665, 29.3319, 32.8380



0.9934, 1.5192, 1.7726

Inverse Universe

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



33.0337, 23.6006, 18.1455



48.8824, 31.5243, 19.9548



37.3661, 33.1868, 16.7495



11.2593, 11.2325, 11.9001



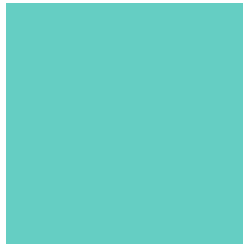
15.7776, 8.1216, 1.2816



0.8305, 0.4256, 0.1535

Previews

White Background



This preview shows how the XYZ color 37.2885, 50.8494, 59.4794 looks on a white background.

Color Contrast Check

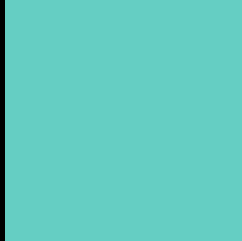
Large Text (above 18pt) WCAG AA × Fail

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 37.2885, 50.8494, 59.4794 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

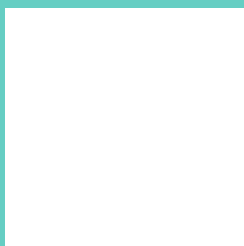
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2885, 50.8494, 59.4794

Background



This preview shows how black text looks on a background with the XYZ color 37.2885, 50.8494, 59.4794.



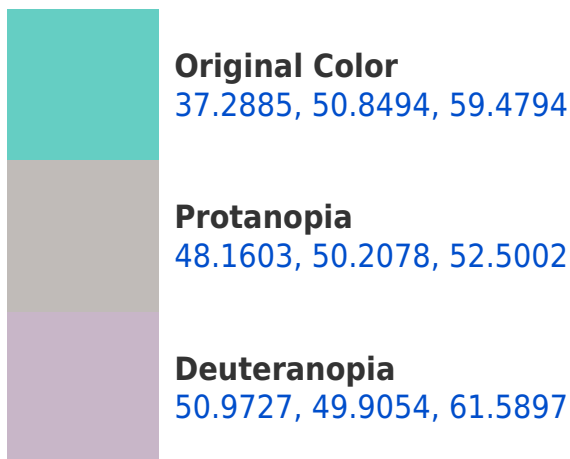
This preview shows how white text looks on a background with the XYZ color 37.2885, 50.8494,

59.4794.

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





Tritanopia

40.2134, 50.6067, 74.6664

Trichromacy



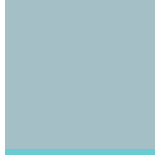
Original Color

37.2885, 50.8494, 59.4794



Protanomaly

42.6670, 49.5853, 54.8991



Deuteranomaly

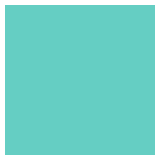
44.1337, 49.2313, 60.6026



Tritanomaly

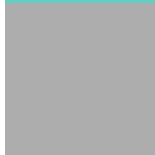
38.9327, 50.4292, 68.6546

Monochromacy



Original Color

37.2885, 50.8494, 59.4794



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.7221, 44.2372, 50.2665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2885, 50.8494, 59.4794 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(101, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(101, 206, 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(101, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 206, 195) }
```

Border

The CSS property to change the border of an element to XYZ 37.2885, 50.8494, 59.4794 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(101, 206, 195) }
```


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

```
.border{ border-color:rgb(101, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(101, 206,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2885, 50.8494, 59.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 206, 195) }
```

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

```
.background{ background-color: rgb(101,  
206, 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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