

Converting Colors

XYZ(30.5961, 45.5982, 57.8558)

Have a look what the booklet for
XYZ(30.5961, 45.5982, 57.8558)
contains.

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Color

**XYZ(30.5999, 45.6687,
57.6542)**

Conversions

Conversions Part 1

Format	Color
Hex	07C9C1
RGB	7, 201, 193
RGB Percent	3%, 79%, 76%
CMY	0.9724, 0.2118, 0.2431
CMYK	0.96, 0.00, 0.04, 0.21
HSL	178°, 93%, 41%
HSV	178°, 96%, 79%
XYZ	30.5999, 45.6687, 57.6542
YIQ	142.0820, -113.0560, -43.6160

Conversions

Conversions Part 2

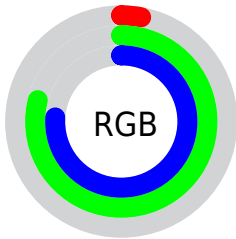
Format	Color
RYB	7, 106, 201
Decimal	510401
CIELab	73.33, -42.36, -7.79
CIELCh	73, 43.066, 190.416
Yxy	45.6687, 0.2285, 0.3410
Android (android.graphics.Color)	4278700481 (0xFF07C9C1)
YUV	142.0820, 25.1026, -118.4669
Hunter-Lab	67.5786, -37.4370, -3.2778

Details

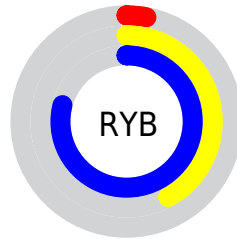
The XYZ color **30.5999, 45.6687, 57.6542** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **24.2511, 12.6054, 1.6084**, and the grayscale version is **25.6848, 27.0225, 29.4275**.

A 20% lighter version of the original color is **58.8027, 81.4237, 102.2397**, and **15.0125, 22.4512, 28.3532** is the 20% darker color. If you saturate the color by 10%, you get **30.4807, 45.6120, 57.4806**, and if you desaturate by 10%, it is **31.0617, 45.8970, 58.1611**.

Distribution



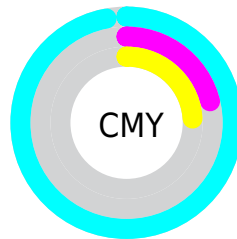
- Red (3%)
- Green (79%)
- Blue (76%)



- Red (3%)
- Yellow (42%)
- Blue (79%)



- Cyan (96%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (97%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5999, 45.6687, 57.6542 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 30.5999, 45.6687, 57.6542 by changing the saturation by 10% instead.


 30.5999, 45.6687,
57.6542


 30.5999, 45.6687,
57.6542


296.5507,
369.4751, 433.4584


 20.4447, 31.9845,
41.1179


 59.9897, 83.7230,
102.9289


 12.8289, 21.3496,
28.0908


 79.9551, 108.8618,
132.5044


 7.3870, 13.3798,
18.1545


 103.9212,
138.5876, 167.2633

 3.7537, 7.6906,
10.8904

 132.2534,
173.2847, 207.6242

 1.5638, 3.8976,
5.8799

 165.3172,
213.3377, 254.0056

 0.3686, 1.6165,
2.7046

203.4777,

 0.0000, 0.3687,

259.1308, 306.8261

0.9457

247.1004,
311.0485, 366.5041

■ 0.0000, 0.0000,
0.0000

■ 30.5999, 45.6687,
57.6542

■ 30.5999, 45.6687,
57.6542

■ 30.4807, 45.6120,
57.4806

■ 31.0617, 45.8970,
58.1611

■ 31.8827, 46.3095,
58.6865

■ 33.1313, 46.9424,
59.2347

■ 34.8593, 47.8223,
59.8080

■ 37.1112, 48.9722,
60.4085

■ 39.9262, 50.4124,
61.0382

■ 43.3400, 52.1612,
61.6985

■ 47.3852, 54.2354,
62.3912

■ 52.0923, 56.6508,
63.1176

Harmonies

Analogous

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



31.0797, 45.6687, 37.0131



30.5999, 45.6687, 57.6542



33.2351, 45.6687, 81.9677

Triad

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



30.5999, 45.6687, 57.6542



53.5508, 45.6687, 88.7247



48.4741, 45.6687, 19.8700

Complementary

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



30.5999, 45.6687, 57.6542



24.2511, 12.6054, 1.6084

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.



55.4670, 45.6687, 27.2883



30.5999, 45.6687, 57.6542



58.6258, 45.6687, 65.0587

Square

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



30.5999, 45.6687, 57.6542



46.0935, 45.6687, 103.0675



59.3652, 45.6687, 42.5591



40.8265, 45.6687, 18.9483

Rectangle

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



30.5999, 45.6687, 57.6542



36.6058, 45.6687, 95.5357



59.3652, 45.6687, 42.5591



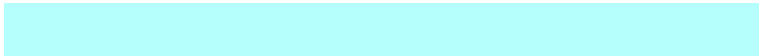
51.0018, 45.6687, 21.5567

Sweetspot

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



30.6013, 45.6704, 57.6553



72.3904, 88.3749, 105.2960



21.1524, 41.9069, 7.1762



14.9543, 18.6391, 22.4331



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.



30.6013, 45.6704, 57.6553



52.1622, 78.0809, 98.2928



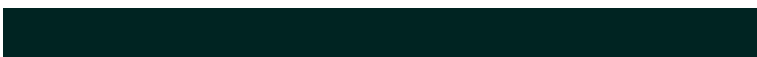
16.6169, 16.2342, 57.5179



10.9271, 12.0597, 13.5662



19.1732, 28.6816, 36.1860



0.9139, 1.3605, 1.7451

Inverse Universe

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



24.2511, 12.6054, 1.6084



41.2977, 21.2831, 2.2336



28.1583, 20.4965, 2.6743



10.6513, 10.6439, 11.1471



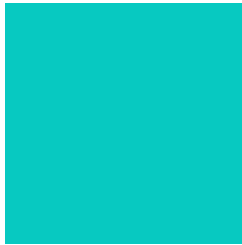
15.1821, 7.8224, 0.9030



0.7252, 0.3729, 0.0760

Previews

White Background



This preview shows how the XYZ color 30.5999, 45.6687, 57.6542 looks on a white background.

Color Contrast Check

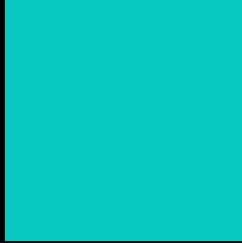
Large Text (above 18pt) WCAG AA × Fail

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 30.5999, 45.6687, 57.6542 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

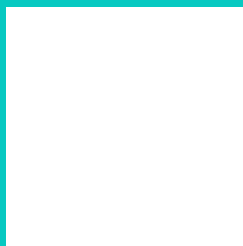
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5999, 45.6687, 57.6542

Background



This preview shows how black text looks on a background with the XYZ color 30.5999, 45.6687, 57.6542.

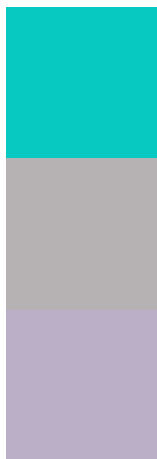


This preview shows how white text looks on a background with the XYZ color 30.5999, 45.6687,

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

30.5999, 45.6687, 57.6542

Protanopia

43.3485, 45.0405, 49.0568

Deuteranopia

45.9384, 44.9604, 60.2898



Tritanopia

33.3704, 45.7787, 70.6957

Trichromacy



Original Color

30.5999, 45.6687, 57.6542



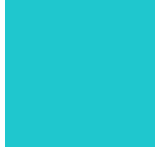
Protanomaly

33.6818, 42.4301, 51.7620



Deuteranomaly

35.2446, 42.4498, 59.1594



Tritanomaly

32.1291, 45.5944, 65.4997

Monochromacy



Original Color

30.5999, 45.6687, 57.6542



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

24.0444, 31.0948, 38.4528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5999, 45.6687, 57.6542 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(7, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(7, 201, 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(7, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 201, 193) }
```

Border

The CSS property to change the border of an element to XYZ 30.5999, 45.6687, 57.6542 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(7, 201, 193) }
```


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

```
.border{ border-color:rgb(7, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(7, 201,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5999, 45.6687, 57.6542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 201, 193) }
```

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

```
.background{ background-color: rgb(7, 201,  
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](#).

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