

Converting Colors

XYZ(30.5831, 43.8791, 63.4885)

Have a look what the booklet for
XYZ(30.5831, 43.8791, 63.4885)
contains.

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Color

**XYZ(30.5194, 43.7917,
63.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	00C4CB
RGB	0, 196, 203
RGB Percent	0%, 77%, 80%
CMY	0.9998, 0.2314, 0.2039
CMYK	1.00, 0.03, 0.00, 0.20
HSL	182°, 100%, 40%
HSV	182°, 100%, 80%
XYZ	30.5194, 43.7917, 63.3440
YIQ	138.1940, -119.0630, -39.3750

Conversions

Conversions Part 2

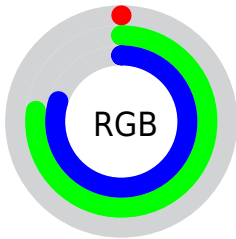
Format	Color
RYB	0, 100, 203
Decimal	50379
CIELab	72.09, -37.31, -15.08
CIELCh	72, 40.241, 202.011
Yxy	43.7917, 0.2217, 0.3181
Android (android.graphics.Color)	4278240459 (0xFF00C4CB)
YUV	138.1940, 31.9494, -121.1961
Hunter-Lab	66.1753, -33.4843, -10.4306

Details

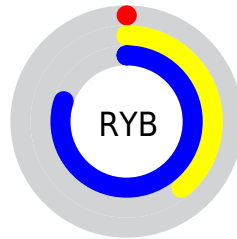
The XYZ color **30.5194, 43.7917, 63.3440** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **24.7056, 12.8496, 1.1793**, and the grayscale version is **24.1511, 25.4089, 27.6703**.

A 20% lighter version of the original color is **59.0010, 80.4738, 107.0311**, and **15.0978, 21.5159, 31.7910** is the 20% darker color. If you saturate the color by 10%, you get **30.5199, 43.7924, 63.3449**, and if you desaturate by 10%, it is **30.9740, 44.2619, 63.4116**.

Distribution



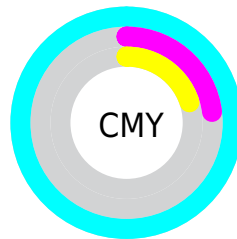
- Red (0%)
- Green (77%)
- Blue (80%)



- Red (0%)
- Yellow (39%)
- Blue (80%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5194, 43.7917, 63.3440 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 30.5194, 43.7917, 63.3440 by changing the saturation by 10% instead.

30.5194, 43.7917,
63.3440

30.5194, 43.7917,
63.3440

296.1846,
361.8576, 454.9591

20.3832, 30.5068,
45.6768

59.8636, 80.9042,
111.2560

12.7838, 20.2236,
31.6440

79.8023, 105.5006,
142.3379

7.3558, 12.5577,
20.8272

103.7393,
134.6363, 178.7284

3.7339, 7.1247,
12.8077

132.0398,
168.6956, 220.8460

1.5527, 3.5402,
7.1671

165.0692,
208.0630, 269.1094

0.3613, 1.4198,
3.4868

203.1929,

0.0000, 0.2313,

253.1229, 323.9370

1.3483

246.7763,
304.2596, 385.7474

■ 0.0000, 0.0000,
0.1009

■ 0.0000, 0.0000,
0.0000

■ 30.5194, 43.7917,
63.3440

■ 30.5194, 43.7917,
63.3440

■ 30.5199, 43.7924,
63.3449

■ 30.9740, 44.2619,
63.4116

■ 31.7377, 44.8917,
63.4929

■ 32.9181, 45.7373,
63.5939

■ 34.5718, 46.8281,
63.7173

■ 36.7467, 48.1886,
63.8653

■ 39.4846, 49.8405,
64.0398

■ 42.8233, 51.8032,
64.2427

■ 46.7974, 54.0945,
64.4755

■ 51.4385, 56.7308,
64.7398

Harmonies

Analogous

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



29.8445, 43.7917, 42.6059



30.5194, 43.7917, 63.3440



33.9969, 43.7917, 84.2249

Triad

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



30.5194, 43.7917, 63.3440



52.9483, 43.7917, 75.0215



43.4892, 43.7917, 19.1353

Complementary

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



30.5194, 43.7917, 63.3440



24.7056, 12.8496, 1.1793

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.



50.3112, 43.7917, 23.6141



30.5194, 43.7917, 63.3440



56.1519, 43.7917, 53.1455

Square

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



30.5194, 43.7917, 63.3440



46.7823, 43.7917, 92.1588



55.1371, 43.7917, 34.8407



36.8571, 43.7917, 20.4680

Rectangle

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



30.5194, 43.7917, 63.3440



37.6680, 43.7917, 93.5779



55.1371, 43.7917, 34.8407



45.8450, 43.7917, 19.9546

Sweetspot

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



30.5208, 43.7933, 63.3451



71.4493, 86.5927, 107.5560



21.3940, 42.7277, 7.3151



14.7587, 18.2219, 22.9893



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.



30.5208, 43.7933, 63.3451



51.0688, 73.2577, 106.0563



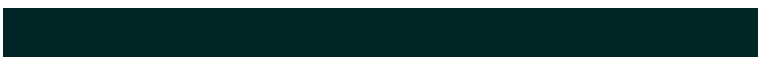
14.8504, 12.4526, 58.1216



11.5088, 12.6581, 14.4070



19.4368, 27.8977, 40.3166



1.0133, 1.4604, 2.0834

Inverse Universe

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



34.5935, 16.6832, 53.6232



57.9064, 27.9266, 89.6940



30.0220, 23.4824, 2.9514



11.6702, 11.3968, 14.0638



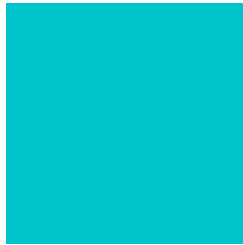
22.0217, 10.6193, 34.1627



1.1414, 0.5500, 1.7906

Previews

White Background



This preview shows how the XYZ color 30.5194, 43.7917, 63.3440 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 30.5194, 43.7917, 63.3440 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

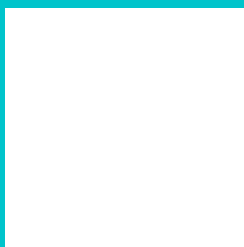
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5194, 43.7917, 63.3440

Background



This preview shows how black text looks on a background with the XYZ color 30.5194, 43.7917, 63.3440.



This preview shows how white text looks on a background with the XYZ color 30.5194, 43.7917,

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

30.5194, 43.7917, 63.3440

Protanopia

42.0006, 43.0602, 54.2419

Deuteranopia

43.8526, 42.9100, 65.6457



Tritanopia

31.7519, 43.9802, 68.4436

Trichromacy



Original Color

30.5194, 43.7917, 63.3440



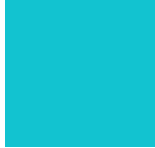
Protanomaly

33.0211, 40.7304, 57.1603



Deuteranomaly

34.1439, 40.5435, 64.4186



Tritanomaly

31.1497, 43.7129, 66.4702

Monochromacy



Original Color

30.5194, 43.7917, 63.3440



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

22.9442, 29.4796, 38.6633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5194, 43.7917, 63.3440 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(0, 196, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 203)  
}
```

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(0, 196, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 203) }
```

Border

The CSS property to change the border of an element to XYZ 30.5194, 43.7917, 63.3440 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(0, 196, 203) }
```


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

```
.border{ border-color:rgb(0, 196, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 196, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5194, 43.7917, 63.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 203) }
```

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

```
.background{ background-color: rgb(0, 196,  
203) }
```

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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