

Converting Colors

XYZ(32.1366, 43.0734, 60.2520)

Have a look what the booklet for
XYZ(32.1366, 43.0734, 60.2520)
contains.

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Color

**XYZ(32.0483, 43.0011,
60.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	4FBFC6
RGB	79, 191, 198
RGB Percent	31%, 75%, 78%
CMY	0.6902, 0.2510, 0.2235
CMYK	0.60, 0.04, 0.00, 0.22
HSL	184°, 51%, 54%
HSV	184°, 60%, 78%
XYZ	32.0483, 43.0011, 60.0370
YIQ	158.3100, -68.9990, -21.5670

Conversions

Conversions Part 2

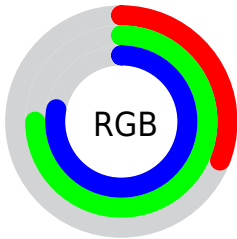
Format	Color
RYB	79, 137, 198
Decimal	5226438
CIELab	71.56, -29.38, -13.04
CIElCh	72, 32.150, 203.937
Yxy	43.0011, 0.2372, 0.3183
Android (android.graphics.Color)	4283416518 (0xFF4FBFC6)
YUV	158.3100, 19.5672, -69.5549
Hunter-Lab	65.5752, -27.5191, -8.3799

Details

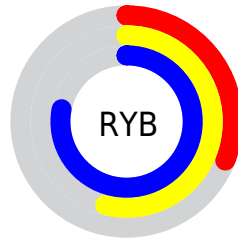
The XYZ color **32.0483, 43.0011, 60.0370** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **28.0287, 19.2268, 9.6322**, and the grayscale version is **32.5778, 34.2744, 37.3248**.

A 20% lighter version of the original color is **62.4326, 79.9303, 106.7453**, and **13.9797, 19.9049, 29.4908** is the 20% darker color. If you saturate the color by 10%, you get **30.3876, 41.7704, 59.8878**, and if you desaturate by 10%, it is **34.2041, 44.4919, 60.2119**.

Distribution



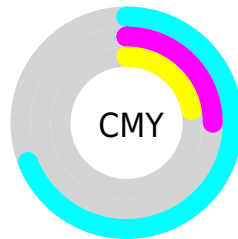
- Red (31%)
- Green (75%)
- Blue (78%)



- Red (31%)
- Yellow (54%)
- Blue (78%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0483, 43.0011, 60.0370 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 32.0483, 43.0011, 60.0370 by changing the saturation by 10% instead.

■ 32.0483, 43.0011,
60.0370

■ 32.0483, 43.0011,
60.0370

303.0806,
358.6163, 442.5426

■ 21.5541, 29.8860,
43.0230

■ 62.2515, 79.7125,
106.4272

■ 13.6444, 19.7521,
29.5716

■ 82.6912, 104.0776,
136.6405

■ 7.9538, 12.2149,
19.2644

■ 107.1768,
132.9615, 172.0906

■ 4.1170, 6.8902,
11.6827

■ 136.0736,
166.7485, 213.1961

■ 1.7685, 3.3935,
6.4081

169.7471,
205.8231, 260.3755

■ 0.4986, 1.3405,
3.0220

208.5625,

■ 0.0000, 0.1722,

250.5697, 314.0474

1.1059

252.8852,
301.3726, 374.6302

■ 0.0000, 0.0000,
0.0000

■ 32.0483, 43.0011,
60.0370

■ 32.0483, 43.0011,
60.0370

■ 30.3876, 41.7704,
59.8878

■ 34.2041, 44.4919,
60.2119

■ 29.1729, 40.7717,
59.7590

■ 36.8905, 46.2583,
60.4113

■ 28.3524, 39.9792,
59.6493

■ 40.1443, 48.3202,
60.6378

■ 27.8273, 39.3455,
59.5547

■ 43.9980, 50.6944,
60.8929

■ 48.4815, 53.3963,
61.1781

■ 53.6228, 56.4404,
61.4947

■ 59.4482, 59.8401,
61.8439

■ 65.9826, 63.6084,
62.2268

■ 72.4327, 67.3362,
62.6064

Harmonies

Analogous

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



31.3394, 43.0011, 43.7316



32.0483, 43.0011, 60.0370



35.0255, 43.0011, 75.4050

Triad

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



32.0483, 43.0011, 60.0370



49.9097, 43.0011, 66.7312



41.9846, 43.0011, 22.9287

Complementary

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



32.0483, 43.0011, 60.0370



28.0287, 19.2268, 9.6322

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.



47.3338, 43.0011, 26.5631



32.0483, 43.0011, 60.0370



52.1629, 43.0011, 50.0524

Square

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



32.0483, 43.0011, 60.0370



45.2574, 43.0011, 79.8305



51.1809, 43.0011, 35.7023



36.7781, 43.0011, 24.4559

Rectangle

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



32.0483, 43.0011, 60.0370



38.0486, 43.0011, 81.8522



51.1809, 43.0011, 35.7023



43.8302, 43.0011, 23.5560

Sweetspot

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



32.0496, 43.0027, 60.0380



79.2777, 90.5996, 107.9168



25.0573, 42.7065, 15.5077



16.5001, 19.1069, 23.0683



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.



32.0496, 43.0027, 60.0380



53.0895, 73.3979, 105.9768



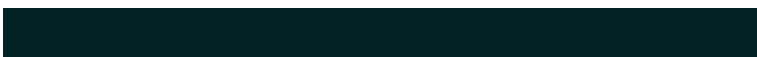
21.7447, 22.3930, 56.6031



10.8912, 11.9565, 13.6513



18.1188, 25.6316, 38.7368



0.8745, 1.2469, 1.8397

Inverse Universe

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



35.4898, 21.3605, 51.5444



59.8786, 32.3615, 88.8395



34.7426, 32.6547, 11.8702



11.0551, 10.8054, 13.2736



20.9449, 10.1275, 31.2492



1.0001, 0.4829, 1.5238

Previews

White Background



This preview shows how the XYZ color 32.0483, 43.0011, 60.0370 looks on a white background.

Color Contrast Check

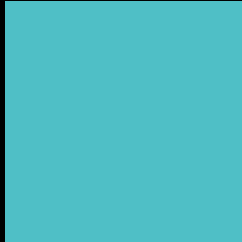
Large Text (above 18pt) WCAG AA × Fail

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 32.0483, 43.0011, 60.0370 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 32.0483, 43.0011, 60.0370

Background



This preview shows how black text looks on a background with the XYZ color 32.0483, 43.0011, 60.0370.

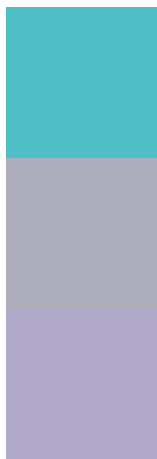


This preview shows how white text looks on a background with the XYZ color 32.0483, 43.0011,

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

32.0483, 43.0011, 60.0370

Protanopia

41.1468, 42.3592, 53.0212

Deuteranopia

43.2857, 42.4084, 62.4041



Tritanopia

32.9126, 43.0285, 64.3283

Trichromacy



Original Color

32.0483, 43.0011, 60.0370



Protanomaly

36.3727, 41.8931, 55.4593



Deuteranomaly

37.4475, 41.7206, 61.3375



Tritanomaly

32.4675, 42.8405, 62.4349

Monochromacy



Original Color

32.0483, 43.0011, 60.0370



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.9708, 36.4337, 44.9352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0483, 43.0011, 60.0370 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(79, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(79, 191, 198)  
}
```

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(79, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 191, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.0483, 43.0011, 60.0370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

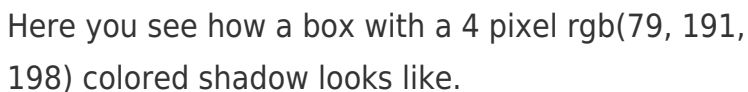
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 191, 198) }
```


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

```
.border{ border-color:rgb(79, 191, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(79, 191,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0483, 43.0011, 60.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 191, 198) }
```

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

```
.background{ background-color: rgb(79, 191,  
198) }
```

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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