

Converting Colors

XYZ(26.3223, 32.9996, 61.0080)

Have a look what the booklet for
XYZ(26.3223, 32.9996, 61.0080)
contains.

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Color

**XYZ(26.3506, 33.1394,
60.8848)**

Conversions

Conversions Part 1

Format	Color
Hex	39A8CA
RGB	57, 168, 202
RGB Percent	22%, 66%, 79%
CMY	0.7764, 0.3412, 0.2078
CMYK	0.72, 0.17, 0.00, 0.21
HSL	194°, 58%, 51%
HSV	194°, 72%, 79%
XYZ	26.3506, 33.1394, 60.8848
YIQ	138.6870, -77.0700, -12.9580

Conversions

Conversions Part 2

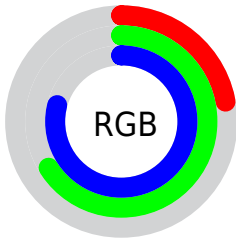
Format	Color
RYB	57, 120, 202
Decimal	3778762
CIELab	64.27, -19.98, -26.37
CIELCh	64, 33.082, 232.848
Yxy	33.1394, 0.2189, 0.2753
Android (android.graphics.Color)	4281968842 (0xFF39A8CA)
YUV	138.6870, 31.2133, -71.6395
Hunter-Lab	57.5668, -19.0355, -22.4105

Details

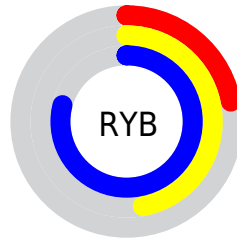
The XYZ color **26.3506, 33.1394, 60.8848** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **28.8378, 20.3356, 6.2773**, and the grayscale version is **24.3269, 25.5938, 27.8716**.

A 20% lighter version of the original color is **52.6061, 64.2063, 104.2282**, and **11.5907, 14.6289, 30.2297** is the 20% darker color. If you saturate the color by 10%, you get **24.5613, 30.9430, 60.5558**, and if you desaturate by 10%, it is **28.6318, 35.6380, 61.2475**.

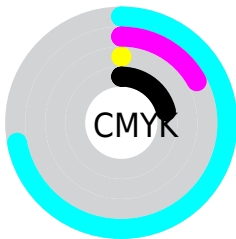
Distribution



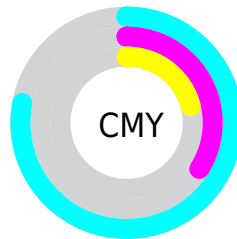
- Red (22%)
- Green (66%)
- Blue (79%)



- Red (22%)
- Yellow (47%)
- Blue (79%)



- Cyan (72%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (78%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3506, 33.1394, 60.8848 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 26.3506, 33.1394, 60.8848 by changing the saturation by 10% instead.

■ 26.3506, 33.1394,
60.8848

■ 26.3506, 33.1394,
60.8848

276.7242,
316.2774, 445.7463

■ 17.2202, 22.2333,
43.7023

■ 53.2673, 64.5931,
107.6680

■ 10.4879, 14.0284,
30.1010

■ 71.7843, 85.9095,
138.1058

■ 5.7883, 8.1404,
19.6626

■ 94.1608, 111.4647,
173.7990

■ 2.7562, 4.1849,
11.9684

■ 120.7622,
141.6431, 215.1663

■ 1.0262, 1.7775,
6.5999

■ 151.9539,
176.8292, 262.6261

■ 0.0000, 0.4731,
3.1385

188.1012,

■ 0.0000, 0.0000,

217.4074, 316.5970

1.1658

229.5695,
263.7620, 377.4976

■ 0.0000, 0.0000,
0.0000

■ 26.3506, 33.1394,
60.8848

■ 26.3506, 33.1394,
60.8848

■ 24.5613, 30.9430,
60.5558

■ 28.6318, 35.6380,
61.2475

■ 23.2023, 29.0146,
60.2552

■ 31.4505, 38.4607,
61.6438

■ 22.3214, 27.5856,
60.0258

■ 34.8505, 41.6315,
62.0766

■ 38.8699, 45.1703,
62.5478

■ 43.5438, 49.0957,
63.0591

■ 48.9042, 53.4246,
63.6122

■ 54.9812, 58.1731,
64.2084

■ 61.8029, 63.3561,
64.8493

■ 69.3960, 68.9878,
65.5361

Harmonies

Analogous

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



23.8842, 33.1394, 47.0912



26.3506, 33.1394, 60.8848



30.3864, 33.1394, 68.3271

Triad

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



26.3506, 33.1394, 60.8848



41.3398, 33.1394, 39.4016



28.1186, 33.1394, 17.1052

Complementary

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



26.3506, 33.1394, 60.8848



28.8378, 20.3356, 6.2773

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.



32.6363, 33.1394, 16.0173



26.3506, 33.1394, 60.8848



40.5790, 33.1394, 26.9400

Square

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



26.3506, 33.1394, 60.8848



39.2617, 33.1394, 54.0743



37.2756, 33.1394, 19.1396



24.8318, 33.1394, 22.6037

Rectangle

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



26.3506, 33.1394, 60.8848



33.5500, 33.1394, 67.6460



37.2756, 33.1394, 19.1396



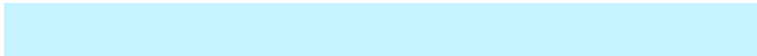
29.5314, 33.1394, 16.2785

Sweetspot

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



26.3517, 33.1406, 60.8856



73.2828, 82.7607, 106.7197



24.6900, 43.8642, 17.0268



15.1992, 17.3109, 22.7902



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.



26.3517, 33.1406, 60.8856



40.2597, 50.5748, 102.2477



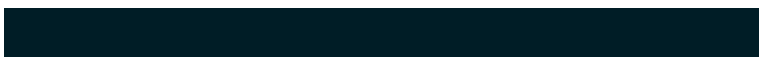
16.5017, 13.4407, 57.6023



11.3116, 12.2637, 14.3413



14.4344, 17.8928, 38.6492



0.8002, 1.0341, 2.0124

Inverse Universe

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



32.8890, 18.3110, 38.8479



52.7103, 26.8431, 59.2645



38.2531, 39.1662, 9.4157



11.5707, 11.3570, 13.5397



19.4967, 9.6093, 20.8663



1.0338, 0.5069, 1.2241

Previews

White Background



This preview shows how the XYZ color 26.3506, 33.1394, 60.8848 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 26.3506, 33.1394, 60.8848 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 26.3506, 33.1394, 60.8848

Background



This preview shows how black text looks on a background with the XYZ color 26.3506, 33.1394, 60.8848.

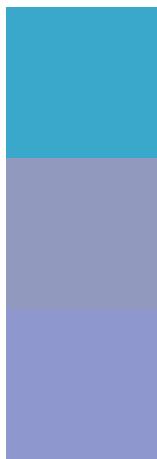


This preview shows how white text looks on a background with the XYZ color 26.3506, 33.1394,

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

26.3506, 33.1394, 60.8848

Protanopia

32.6493, 32.6550, 53.8725

Deuteranopia

33.5241, 32.6635, 62.9303



Tritanopia

24.4021, 33.1865, 51.0185

Trichromacy



Original Color

26.3506, 33.1394, 60.8848

Protanomaly

29.0166, 31.9713, 56.2715

Deuteranomaly

29.8018, 32.2410, 62.4100

Tritanomaly

25.0453, 33.1640, 54.3715

Monochromacy



Original Color

26.3506, 33.1394, 60.8848

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.7346, 27.6725, 38.2728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3506, 33.1394, 60.8848 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(57, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(57, 168, 202)  
}
```

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(57, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 168, 202) }
```

Border

The CSS property to change the border of an element to XYZ 26.3506, 33.1394, 60.8848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

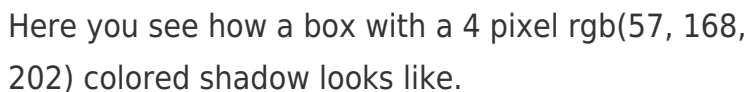
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 168, 202) }
```


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

```
.border{ border-color:rgb(57, 168, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(57, 168,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3506, 33.1394, 60.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 168, 202) }
```

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

```
.background{ background-color: rgb(57, 168,  
202) }
```

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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