

Converting Colors

XYZ(26.9861, 33.8644, 56.7884)

Have a look what the booklet for
XYZ(26.9861, 33.8644, 56.7884)
contains.

XYZ(26.9399, 33.8119, 56.7362)	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(26.9399, 33.8119,
56.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA9C3
RGB	75, 169, 195
RGB Percent	29%, 66%, 76%
CMY	0.7059, 0.3372, 0.2353
CMYK	0.62, 0.13, 0.00, 0.24
HSL	193°, 50%, 53%
HSV	193°, 62%, 76%
XYZ	26.9399, 33.8119, 56.7362
YIQ	143.8580, -64.3700, -11.8420

Conversions

Conversions Part 2

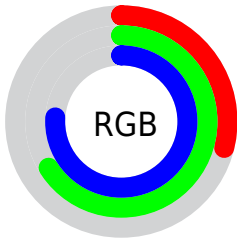
Format	Color
RYB	75, 128, 195
Decimal	4958659
CIELab	64.81, -19.89, -21.61
CIELCh	65, 29.369, 227.367
Yxy	33.8119, 0.2293, 0.2878
Android (android.graphics.Color)	4283148739 (0xFF4BA9C3)
YUV	143.8580, 25.2130, -60.3885
Hunter-Lab	58.1480, -19.0602, -17.1469

Details

The XYZ color **26.9399, 33.8119, 56.7362** 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 **28.4302, 21.4185, 9.2934**, and the grayscale version is **26.3736, 27.7471, 30.2165**.

A 20% lighter version of the original color is **54.2180, 65.4905, 101.8788**, and **11.1690, 14.6457, 27.4375** is the 20% darker color. If you saturate the color by 10%, you get **24.8689, 31.5969, 56.4184**, and if you desaturate by 10%, it is **29.5058, 36.3212, 57.0859**.

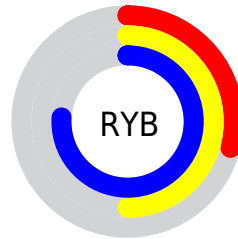
Distribution



Red (29%)

Green (66%)

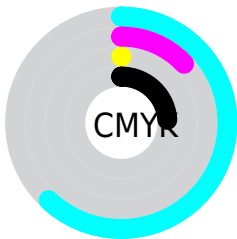
Blue (76%)



Red (29%)

Yellow (50%)

Blue (76%)

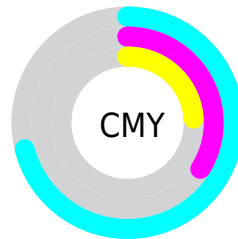


Cyan (62%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (71%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9399, 33.8119, 56.7362 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 26.9399, 33.8119, 56.7362 by changing the saturation by 10% instead.

■ 26.9399, 33.8119,
56.7362

■ 26.9399, 33.8119,
56.7362

279.5389,
319.2925, 429.9261

■ 17.6644, 22.7491,
40.3855

■ 54.2080, 65.6411,
101.5767

■ 10.8076, 14.4084,
27.5232

■ 72.9313, 87.1762,
130.9036

■ 6.0039, 8.4052,
17.7306

■ 95.5347, 112.9710,
165.3929

■ 2.8882, 4.3553,
10.5893

■ 122.3834,
143.4097, 205.4634

■ 1.0949, 1.8743,
5.6807

153.8428,
178.8769, 251.5333

■ 0.0208, 0.5328,
2.5863

190.2783,

■ 0.0000, 0.0000,

219.7568, 304.0214

0.8854

232.0552,
266.4339, 363.3462

■ 0.0000, 0.0000,
0.0000

■ 26.9399, 33.8119,
56.7362

■ 26.9399, 33.8119,
56.7362

■ 24.8689, 31.5969,
56.4184

■ 29.5058, 36.3212,
57.0859

■ 23.2450, 29.6490,
56.1281

■ 32.6023, 39.1413,
57.4671

■ 22.0164, 27.9419,
55.8633

■ 36.2654, 42.2919,
57.8821

■ 21.2011, 26.6414,
55.6553

■ 40.5268, 45.7898,
58.3327

■ 45.4161, 49.6503,
58.8202

■ 50.9606, 53.8880,
59.3459

■ 57.1860, 58.5165,
59.9112

■ 64.1168, 63.5487,
60.5172

■ 71.7760, 68.9967,
61.1651

Harmonies

Analogous

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



24.9865, 33.8119, 44.2106



26.9399, 33.8119, 56.7362



30.3919, 33.8119, 64.5250

Triad

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



26.9399, 33.8119, 56.7362



40.7397, 33.8119, 42.1455



29.7714, 33.8119, 18.7664

Complementary

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



26.9399, 33.8119, 56.7362



28.4302, 21.4185, 9.2934

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.



33.9481, 33.8119, 18.4507



26.9399, 33.8119, 56.7362



40.5366, 33.8119, 30.2946

Square

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



26.9399, 33.8119, 56.7362



38.4962, 33.8119, 54.9417



37.9633, 33.8119, 22.2067



26.5201, 33.8119, 23.1914

Rectangle

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



26.9399, 33.8119, 56.7362



33.1908, 33.8119, 65.0665



37.9633, 33.8119, 22.2067



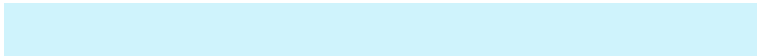
31.1062, 33.8119, 18.2173

Sweetspot

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



26.9410, 33.8131, 56.7370



75.3091, 84.1883, 104.7505



24.6698, 41.4277, 18.5017



15.9472, 18.0011, 22.8840



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.



26.9410, 33.8131, 56.7370



43.4016, 55.2768, 100.8518



18.4375, 16.8061, 53.9025



10.1774, 11.0461, 12.8805



13.8430, 17.4425, 36.1938



0.6453, 0.8480, 1.5796

Inverse Universe

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



32.1841, 19.4999, 39.6049



54.1156, 29.3859, 65.0904



36.1747, 36.9074, 11.8749



10.4008, 10.2089, 12.2013



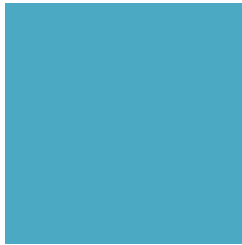
18.3833, 9.0431, 20.4622



0.8181, 0.4003, 1.0095

Previews

White Background



This preview shows how the XYZ color 26.9399, 33.8119, 56.7362 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 26.9399, 33.8119, 56.7362 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 26.9399, 33.8119, 56.7362

Background



This preview shows how black text looks on a background with the XYZ color 26.9399, 33.8119, 56.7362.



This preview shows how white text looks on a background with the XYZ color 26.9399, 33.8119,

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

26.9399, 33.8119, 56.7362

Protanopia

33.0560, 33.4295, 50.6092

Deuteranopia

33.9787, 33.2492, 58.0530



Tritanopia

25.8457, 33.9307, 51.0860

Trichromacy



Original Color

26.9399, 33.8119, 56.7362

Protanomaly

29.9245, 33.0267, 52.9417

Deuteranomaly

30.5022, 32.9651, 57.5786

Tritanomaly

26.2325, 33.8013, 53.2858

Monochromacy



Original Color

26.9399, 33.8119, 56.7362

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6098, 29.3487, 38.9654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9399, 33.8119, 56.7362 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(75, 169, 195)` looks like.

```
.text, #text, p{  
    color:rgb(75, 169, 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(75, 169, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 169, 195) }
```

Border

The CSS property to change the border of an element to XYZ 26.9399, 33.8119, 56.7362 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(75, 169, 195) }
```


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

```
.border{ border-color:rgb(75, 169, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 169, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 169, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 169, 195);  
box-shadow:4px 4px 4px 4px rgb(75, 169,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9399, 33.8119, 56.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 169, 195) }
```

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

```
.background{ background-color: rgb(75, 169,  
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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