

Converting Colors

XYZ(26.2969, 31.9973, 58.9913)

Have a look what the booklet for
XYZ(26.2969, 31.9973, 58.9913)
contains.

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Color

**XYZ(26.3319, 32.0909,
58.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	49A4C7
RGB	73, 164, 199
RGB Percent	29%, 64%, 78%
CMY	0.7137, 0.3569, 0.2196
CMYK	0.63, 0.18, 0.00, 0.22
HSL	197°, 53%, 53%
HSV	197°, 63%, 78%
XYZ	26.3319, 32.0909, 58.8392
YIQ	140.7810, -65.4710, -8.4070

Conversions

Conversions Part 2

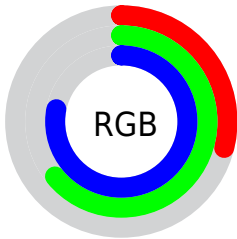
Format	Color
RYB	73, 126, 199
Decimal	4826311
CIELab	63.42, -16.37, -25.98
CIELCh	63, 30.704, 237.784
Yxy	32.0909, 0.2246, 0.2737
Android (android.graphics.Color)	4283016391 (0xFF49A4C7)
YUV	140.7810, 28.7020, -59.4439
Hunter-Lab	56.6488, -16.1639, -21.9283

Details

The XYZ color **26.3319, 32.0909, 58.8392** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **30.1194, 23.3496, 9.2239**, and the grayscale version is **25.1424, 26.4518, 28.8060**.

A 20% lighter version of the original color is **53.0544, 62.8696, 103.9465**, and **10.9050, 13.6327, 28.8447** is the 20% darker color. If you saturate the color by 10%, you get **24.0907, 29.4993, 58.4577**, and if you desaturate by 10%, it is **29.1005, 35.0195, 59.2592**.

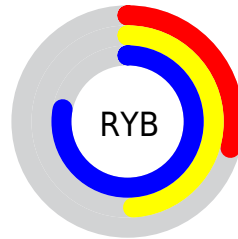
Distribution



Red (29%)

Green (64%)

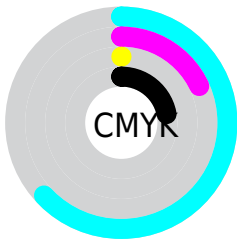
Blue (78%)



Red (29%)

Yellow (49%)

Blue (78%)

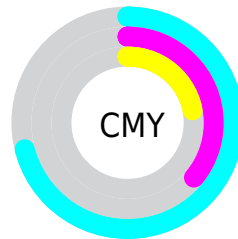


Cyan (63%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3319, 32.0909, 58.8392 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 26.3319, 32.0909, 58.8392 by changing the saturation by 10% instead.

■ 26.3319, 32.0909,
58.8392

■ 26.3319, 32.0909,
58.8392

276.6345,
311.5331, 437.9910

■ 17.2061, 21.4309,
42.0645

■ 53.2374, 62.9536,
104.6707

■ 10.4777, 13.4394,
28.8259

■ 71.7478, 83.9251,
134.5647

■ 5.7815, 7.7318,
18.7047

■ 94.1171, 109.1025,
169.6688

■ 2.7521, 3.9238,
11.2824

■ 120.7106,
138.8703, 210.4017

■ 1.0241, 1.6310,
6.1406

■ 151.8938,
173.6129, 257.1818

■ 0.0000, 0.3784,
2.8606

188.0319,

■ 0.0000, 0.0000,

213.7146, 310.4277

1.0239

229.4904,
259.5599, 370.5579

■ 0.0000, 0.0000,
0.0000

■ 26.3319, 32.0909,
58.8392

■ 26.3319, 32.0909,
58.8392

■ 24.0907, 29.4993,
58.4577

■ 29.1005, 35.0195,
59.2592

■ 22.3253, 27.2153,
58.1099

■ 32.4354, 38.3040,
59.7174

■ 20.9784, 25.2094,
57.7937

■ 36.3754, 41.9659,
60.2165

■ 20.2402, 23.9862,
57.5965

■ 40.9546, 46.0235,
60.7584

■ 46.2047, 50.4938,
61.3445

■ 52.1552, 55.3928,
61.9765

■ 58.8335, 60.7354,
62.6557

■ 66.2658, 66.5357,
63.3836

■ 74.4769, 72.8073,
64.1613

Harmonies

Analogous

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



23.8013, 32.0909, 47.0834



26.3319, 32.0909, 58.8392



30.1852, 32.0909, 64.0849

Triad

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



26.3319, 32.0909, 58.8392



39.4596, 32.0909, 35.8583



26.8334, 32.0909, 17.9989

Complementary

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



26.3319, 32.0909, 58.8392



30.1194, 23.3496, 9.2239

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.



30.8199, 32.0909, 16.3236



26.3319, 32.0909, 58.8392



38.3540, 32.0909, 25.0902

Square

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



26.3319, 32.0909, 58.8392



37.9855, 32.0909, 49.0301



35.0894, 32.0909, 18.5892



24.0713, 32.0909, 23.8489

Rectangle

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



26.3319, 32.0909, 58.8392



33.0775, 32.0909, 62.4426



35.0894, 32.0909, 18.5892



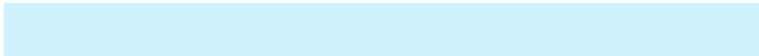
28.0627, 32.0909, 16.9984

Sweetspot

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



26.3330, 32.0921, 58.8400



75.2724, 83.6524, 106.7870



25.8049, 43.3173, 20.8023



15.5584, 17.4299, 22.7942



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.



26.3330, 32.0921, 58.8400



40.9122, 50.0693, 102.1158



17.8484, 15.1229, 56.0118



10.6880, 11.5501, 13.5836



13.0915, 15.5769, 37.0610



0.6785, 0.8548, 1.7744

Inverse Universe

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



32.6375, 19.5886, 37.1839



53.4816, 28.8438, 58.1096



39.0566, 41.2240, 12.2030



10.9526, 10.7644, 12.7335



18.4073, 9.1125, 17.8867



0.9012, 0.4433, 1.0027

Previews

White Background



This preview shows how the XYZ color 26.3319, 32.0909, 58.8392 looks on a white background.

Color Contrast Check

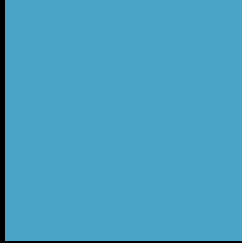
Large Text (above 18pt) WCAG AA × Fail

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 26.3319, 32.0909, 58.8392 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

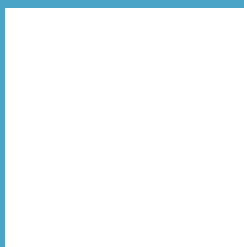
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3319, 32.0909, 58.8392

Background



This preview shows how black text looks on a background with the XYZ color 26.3319, 32.0909, 58.8392.

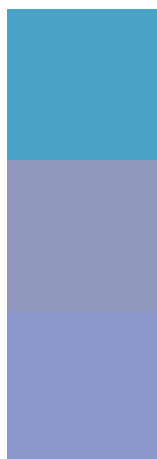


This preview shows how white text looks on a background with the XYZ color 26.3319, 32.0909,

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

26.3319, 32.0909, 58.8392

Protanopia

31.6886, 31.6906, 53.1619

Deuteranopia

32.3822, 31.6524, 60.2799



Tritanopia

24.2736, 32.0636, 48.6256

Trichromacy



Original Color

26.3319, 32.0909, 58.8392

Protanomaly

28.9853, 31.4787, 55.0004

Deuteranomaly

29.4664, 31.3727, 59.7608

Tritanomaly

25.0281, 32.0966, 52.4531

Monochromacy



Original Color

26.3319, 32.0909, 58.8392

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4715, 27.8165, 38.2618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3319, 32.0909, 58.8392 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(73, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(73, 164, 199)  
}
```

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(73, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 164, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.3319, 32.0909, 58.8392 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(73, 164, 199) }
```


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

```
.border{ border-color:rgb(73, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(73, 164,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3319, 32.0909, 58.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 164, 199) }
```

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

```
.background{ background-color: rgb(73, 164,  
199) }
```

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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