

Converting Colors

XYZ(26.2125, 32.9960, 39.4927)

Have a look what the booklet for
XYZ(26.2125, 32.9960, 39.4927)
contains.

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Color

**XYZ(26.1909, 32.9810,
39.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA6A3
RGB	106, 166, 163
RGB Percent	42%, 65%, 64%
CMY	0.5843, 0.3490, 0.3608
CMYK	0.36, 0.00, 0.02, 0.35
HSL	177°, 25%, 53%
HSV	177°, 36%, 65%
XYZ	26.1909, 32.9810, 39.6359
YIQ	147.7180, -34.7970, -13.6530

Conversions

Conversions Part 2

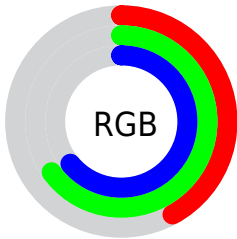
Format	Color
RYB	106, 137, 166
Decimal	6989475
CIELab	64.15, -20.09, -4.62
CIElCh	64, 20.612, 192.957
Yxy	32.9810, 0.2651, 0.3338
Android (android.graphics.Color)	4285179555 (0xFF6AA6A3)
YUV	147.7180, 7.5340, -36.5867
Hunter-Lab	57.4291, -19.0948, -0.7199

Details

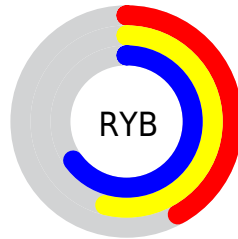
The XYZ color **26.1909, 32.9810, 39.6359** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6413, 19.5200, 16.9908**, and the grayscale version is **28.0116, 29.4704, 32.0933**.

A 20% lighter version of the original color is **53.0085, 64.2484, 75.9370**, and **10.4079, 13.9666, 17.1862** is the 20% darker color. If you saturate the color by 10%, you get **24.3321, 32.0321, 39.1624**, and if you desaturate by 10%, it is **28.4341, 34.1296, 40.1314**.

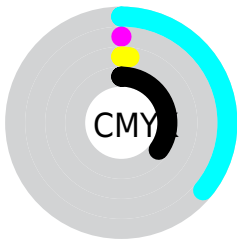
Distribution



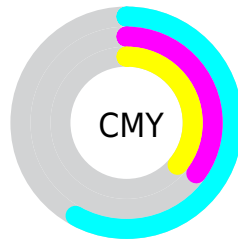
- Red (42%)
- Green (65%)
- Blue (64%)



- Red (42%)
- Yellow (54%)
- Blue (65%)



- Cyan (36%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (58%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1909, 32.9810, 39.6359 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 26.1909, 32.9810, 39.6359 by changing the saturation by 10% instead.

■ 26.1909, 32.9810,
39.6359

■ 26.1909, 32.9810,
39.6359

275.9575,
315.5641, 360.0929

■ 17.0999, 22.1119,
26.9432

■ 53.0119, 64.3459,
75.8398

■ 10.4015, 13.9391,
17.2985

■ 71.4726, 85.6104,
100.1880

■ 5.7303, 8.0783,
10.2833

■ 93.7872, 111.1089,
129.2584

■ 2.7209, 4.1451,
5.4792

■ 120.3212,
141.2257, 163.4696

■ 1.0079, 1.7551,
2.4674

151.4399,
176.3452, 203.2401

■ 0.0000, 0.4589,
0.8228

187.5086,

■ 0.0000, 0.0000,

216.8519, 248.9885

0.0000

228.8927,
263.1300, 301.1332

■ 26.1909, 32.9810,
39.6359

■ 26.1909, 32.9810,
39.6359

■ 24.3321, 32.0321,
39.1624

■ 28.4341, 34.1296,
40.1314

■ 22.8325, 31.2676,
38.7075

■ 31.0790, 35.4844,
40.6475

■ 21.6688, 30.6761,
38.2709

■ 34.1455, 37.0565,
41.1860

■ 20.8135, 30.2436,
37.8512

■ 37.6514, 38.8551,
41.7475

■ 20.2350, 29.9537,
37.4471

■ 41.6133, 40.8886,
42.3330

■ 19.8900, 29.7842,
37.0564

■ 46.0470, 43.1654,
42.9431

■ 19.7824, 29.7319,
36.9076

■ 50.9677, 45.6931,
43.5786

■ 56.3897, 48.4792,
44.2402

■ 62.1777, 51.4540,
44.9214

Harmonies

Analogous

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



26.2828, 32.9810, 31.4037



26.1909, 32.9810, 39.6359



27.4175, 32.9810, 48.0127

Triad

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



26.1909, 32.9810, 39.6359



35.3288, 32.9810, 49.0025



33.0209, 32.9810, 22.6333

Complementary

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



26.1909, 32.9810, 39.6359



23.6413, 19.5200, 16.9908

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.



35.6360, 32.9810, 26.0351



26.1909, 32.9810, 39.6359



37.0241, 32.9810, 40.8295

Square

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



26.1909, 32.9810, 39.6359



32.6225, 32.9810, 53.9586



37.1399, 32.9810, 32.4265



30.1060, 32.9810, 22.4160

Rectangle

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



26.1909, 32.9810, 39.6359



28.8649, 32.9810, 52.2097



37.1399, 32.9810, 32.4265



33.9685, 32.9810, 23.4149

Sweetspot

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



26.1919, 32.9823, 39.6367



59.0547, 65.7572, 74.2458



22.6691, 31.6294, 18.5465



13.0557, 14.6334, 16.5866



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.1919, 32.9823, 39.6367



44.8900, 58.5062, 71.2716



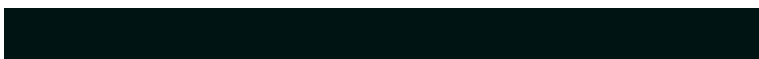
22.2058, 24.5745, 39.6510



7.7311, 8.5255, 9.5701



15.3448, 23.0567, 28.6463



0.3781, 0.5629, 0.7219

Inverse Universe

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



23.6413, 19.5200, 16.9908



39.6023, 30.5796, 24.3101



26.5798, 25.6512, 17.1864



7.5458, 7.5482, 7.9252



12.2352, 6.3028, 0.7842



0.3023, 0.1552, 0.0433

Previews

White Background



This preview shows how the XYZ color 26.1909, 32.9810, 39.6359 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 26.1909, 32.9810, 39.6359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

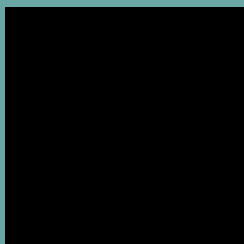
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

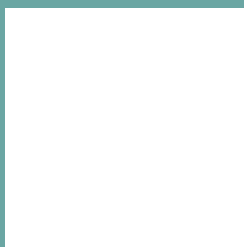
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1909, 32.9810, 39.6359

Background



This preview shows how black text looks on a background with the XYZ color 26.1909, 32.9810, 39.6359.

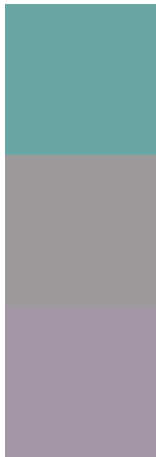


This preview shows how white text looks on a background with the XYZ color 26.1909, 32.9810,

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

26.1909, 32.9810, 39.6359

Protanopia

31.4610, 32.6796, 36.1021

Deuteranopia

33.3063, 32.5652, 40.6067



Tritanopia

27.6417, 33.0402, 46.5155

Trichromacy



Original Color

26.1909, 32.9810, 39.6359

Protanomaly

28.9661, 32.3602, 37.5204

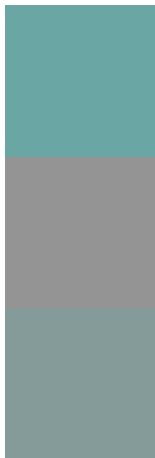
Deuteranomaly

30.1816, 32.4228, 40.2648

Tritanomaly

27.2082, 33.1400, 43.9924

Monochromacy



Original Color

26.1909, 32.9810, 39.6359

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1440, 30.7291, 34.6377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1909, 32.9810, 39.6359 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(106, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(106, 166, 163)  
}
```

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(106, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 166, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.1909, 32.9810, 39.6359 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(106, 166, 163) }
```


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

```
.border{ border-color:rgb(106, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(106, 166,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1909, 32.9810, 39.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 166, 163) }
```

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

```
.background{ background-color: rgb(106,  
166, 163) }
```

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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