

Converting Colors

XYZ(19.0217, 26.8766, 32.9252)

Have a look what the booklet for
XYZ(19.0217, 26.8766, 32.9252)
contains.

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Color

**XYZ(19.0244, 26.8197,
33.0282)**

Conversions

Conversions Part 1

Format	Color
Hex	389C96
RGB	56, 156, 150
RGB Percent	22%, 61%, 59%
CMY	0.7804, 0.3882, 0.4118
CMYK	0.64, 0.00, 0.04, 0.39
HSL	176°, 47%, 42%
HSV	176°, 64%, 61%
XYZ	19.0244, 26.8197, 33.0282
YIQ	125.4160, -57.6740, -23.0660

Conversions

Conversions Part 2

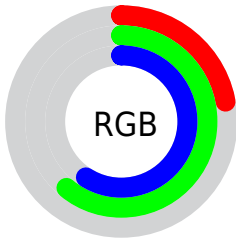
Format	Color
RYB	56, 108, 156
Decimal	3710102
CIELab	58.81, -29.97, -5.40
CIElCh	59, 30.449, 190.222
Yxy	26.8197, 0.2412, 0.3400
Android (android.graphics.Color)	4281900182 (0xFF389C96)
YUV	125.4160, 12.1199, -60.8778
Hunter-Lab	51.7877, -25.0560, -1.5614

Details

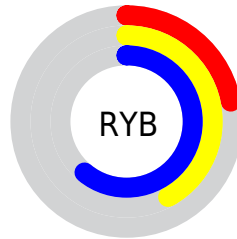
The XYZ color **19.0244, 26.8197, 33.0282** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.9949, 10.2449, 5.6929**, and the grayscale version is **19.6084, 20.6296, 22.4656**.

A 20% lighter version of the original color is **41.2636, 54.5930, 65.4894**, and **7.2024, 10.8015, 13.5097** is the 20% darker color. If you saturate the color by 10%, you get **18.2098, 26.4090, 32.5986**, and if you desaturate by 10%, it is **20.1129, 27.3727, 33.4749**.

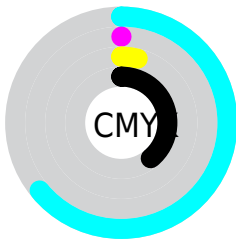
Distribution



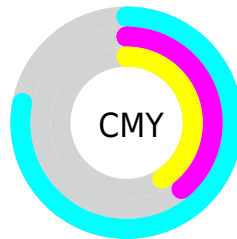
- Red (22%)
- Green (61%)
- Blue (59%)



- Red (22%)
- Yellow (42%)
- Blue (61%)



- Cyan (64%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (78%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0244, 26.8197, 33.0282 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 19.0244, 26.8197, 33.0282 by changing the saturation by 10% instead.

■ 19.0244, 26.8197,
33.0282

■ 19.0244, 26.8197,
33.0282

239.5190,
286.7831, 330.4127

■ 11.7920, 17.4379,
21.8768

■ 41.2919, 54.5944,
65.5361

■ 6.6734, 10.5472,
13.5689

■ 57.0577, 73.7561,
87.7296

■ 3.3032, 5.7632,
7.6861

■ 76.3987, 96.9464,
114.4409

■ 1.3161, 2.7016,
3.8099

■ 99.6802, 124.5500,
146.0884

■ 0.1952, 0.9780,
1.5216

■ 127.2677,
156.9510, 183.0909

■ 0.0000, 0.0000,
0.2340

159.5264,

■ 0.0000, 0.0000,

194.5339, 225.8667

0.0000

196.8217,
237.6831, 274.8345

■ 19.0244, 26.8197,
33.0282

■ 19.0244, 26.8197,
33.0282

■ 18.2098, 26.4090,
32.5986

■ 20.1129, 27.3727,
33.4749

■ 17.6405, 26.1242,
32.1831

■ 21.4958, 28.0768,
33.9380

■ 17.2857, 25.9498,
31.7807

■ 23.1943, 28.9435,
34.4189

■ 17.1271, 25.8731,
31.5472

■ 25.2270, 29.9825,
34.9187

■ 27.6112, 31.2026,
35.4381

■ 30.3629, 32.6120,
35.9779

■ 33.4969, 34.2185,
36.5388

■ 37.0277, 36.0294,
37.1214

■ 40.9685, 38.0517,
37.7264

Harmonies

Analogous

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



19.2817, 26.8197, 22.7479



19.0244, 26.8197, 33.0282



20.3653, 26.8197, 44.6969

Triad

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



19.0244, 26.8197, 33.0282



30.4448, 26.8197, 48.0114



28.0139, 26.8197, 13.7435

Complementary

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



19.0244, 26.8197, 33.0282



15.9949, 10.2449, 5.6929

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.



31.4125, 26.8197, 17.7793



19.0244, 26.8197, 33.0282



32.9086, 26.8197, 36.7744

Square

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



19.0244, 26.8197, 33.0282



26.7944, 26.8197, 54.6508



33.2792, 26.8197, 25.6835



24.2311, 26.8197, 13.2110

Rectangle

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



19.0244, 26.8197, 33.0282



22.0704, 26.8197, 51.0826



33.2792, 26.8197, 25.6835



29.2487, 26.8197, 14.6781

Sweetspot

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



19.0252, 26.8207, 33.0288



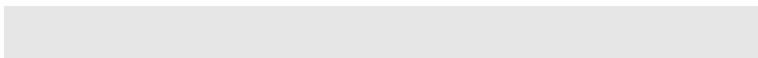
47.7820, 55.4597, 63.8612



14.6318, 25.1093, 7.8175



10.2667, 12.0770, 13.9974



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.0252, 26.8207, 33.0288



32.5636, 47.7090, 58.8694



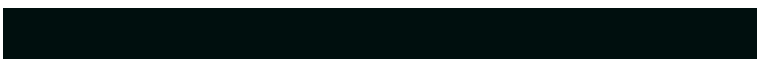
13.5006, 14.9781, 33.6331



6.8047, 7.5026, 8.4059



14.1116, 21.3126, 26.0084



0.2570, 0.3829, 0.4895

Inverse Universe

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



15.9949, 10.2449, 5.6929



26.6375, 15.1529, 5.3069



18.9186, 16.3415, 5.8992



6.6484, 6.6523, 6.9996



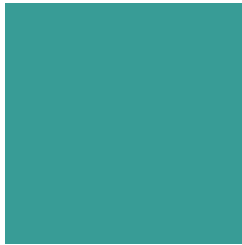
11.3400, 5.8406, 0.7758



0.2070, 0.1061, 0.0359

Previews

White Background



This preview shows how the XYZ color 19.0244, 26.8197, 33.0282 looks on a white background.

Color Contrast Check

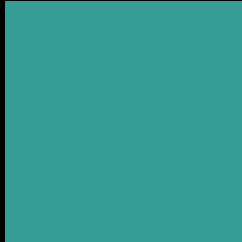
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0244, 26.8197, 33.0282 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 × Fail

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

XYZ 19.0244, 26.8197, 33.0282

Background



This preview shows how black text looks on a background with the XYZ color 19.0244, 26.8197, 33.0282.

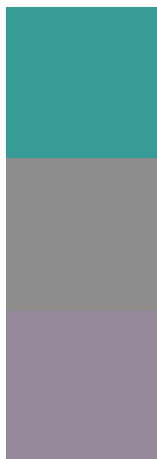


This preview shows how white text looks on a background with the XYZ color 19.0244, 26.8197,

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

19.0244, 26.8197, 33.0282

Protanopia

25.4394, 26.4893, 28.5831

Deuteranopia

26.9911, 26.5203, 34.2682



Tritanopia

20.5529, 26.9544, 40.1959

Trichromacy



Original Color

19.0244, 26.8197, 33.0282

Protanomaly

21.8685, 25.9509, 30.2420

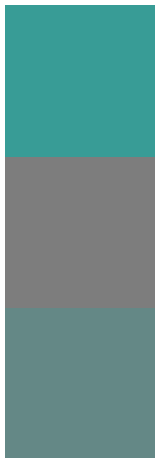
Deuteranomaly

22.7933, 25.8913, 33.9332

Tritanomaly

19.9910, 26.9729, 37.4104

Monochromacy



Original Color

19.0244, 26.8197, 33.0282

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3628, 22.0389, 25.8404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0244, 26.8197, 33.0282 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(56, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(56, 156, 150)  
}
```

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(56, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 156, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.0244, 26.8197, 33.0282 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(56, 156, 150) }
```


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

```
.border{ border-color:rgb(56, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(56, 156,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0244, 26.8197, 33.0282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 156, 150) }
```

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

```
.background{ background-color: rgb(56, 156,  
150) }
```

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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