

Converting Colors

XYZ(18.8319, 26.7654, 31.2356)

Have a look what the booklet for
XYZ(18.8319, 26.7654, 31.2356)
contains.

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Color

**XYZ(18.8804, 26.7821,
31.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	3B9C92
RGB	59, 156, 146
RGB Percent	23%, 61%, 57%
CMY	0.7686, 0.3882, 0.4274
CMYK	0.62, 0.00, 0.06, 0.39
HSL	174°, 45%, 42%
HSV	174°, 62%, 61%
XYZ	18.8804, 26.7821, 31.3685
YIQ	125.8570, -54.6020, -23.6740

Conversions

Conversions Part 2

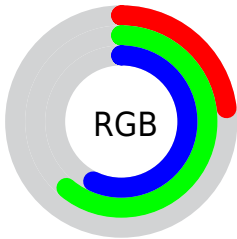
Format	Color
R _Y B	59, 110, 156
Decimal	3906706
CIE Lab	58.77, -30.55, -3.17
CIE LCh	59, 30.719, 185.931
Yxy	26.7821, 0.2451, 0.3477
Android (android.graphics.Color)	4282096786 (0xFF3B9C92)
YUV	125.8570, 9.9305, -58.6336
Hunter-Lab	51.7514, -25.4431, 0.2881

Details

The XYZ color **18.8804, 26.7821, 31.3685** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.3493, 10.6262, 6.8205**, and the grayscale version is **19.7640, 20.7933, 22.6439**.

A 20% lighter version of the original color is **41.0557, 54.5406, 63.0071**, and **7.0616, 10.7452, 12.7682** is the 20% darker color. If you saturate the color by 10%, you get **17.9663, 26.3259, 30.6776**, and if you desaturate by 10%, it is **20.0741, 27.3836, 32.0828**.

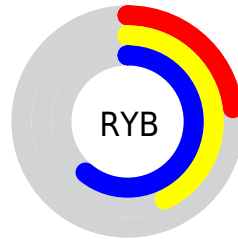
Distribution



Red (23%)

Green (61%)

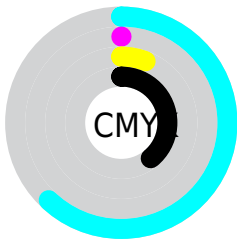
Blue (57%)



Red (23%)

Yellow (43%)

Blue (61%)

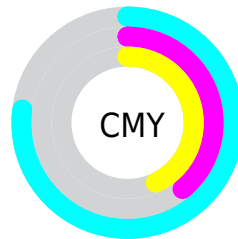


Cyan (62%)

Magenta (0%)

Yellow (6%)

Black (39%)



Cyan (77%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8804, 26.7821, 31.3685 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 18.8804, 26.7821, 31.3685 by changing the saturation by 10% instead.

■ 18.8804, 26.7821,
31.3685

■ 18.8804, 26.7821,
31.3685

238.7385,
286.6005, 322.6360

■ 11.6874, 17.4096,
20.6188

■ 41.0503, 54.5340,
62.9061

■ 6.6019, 10.5270,
12.6571

■ 56.7580, 73.6822,
84.5311

■ 3.2585, 5.7497,
7.0649

■ 76.0345, 96.8579,
110.6183

■ 1.2919, 2.6935,
3.4237

■ 99.2454, 124.4453,
141.5863

■ 0.1771, 0.9739,
1.3148

■ 126.7558,
156.8288, 177.8535

■ 0.0000, 0.0000,
0.0739

158.9313,

■ 0.0000, 0.0000,

194.3930, 219.8385

0.0000

196.1370,
237.5221, 267.9598

■ 18.8804, 26.7821,
31.3685

■ 18.8804, 26.7821,
31.3685

■ 17.9663, 26.3259,
30.6776

■ 20.0741, 27.3836,
32.0828

■ 17.3040, 25.9986,
30.0071

■ 21.5675, 28.1387,
32.8198

■ 16.8642, 25.7858,
29.3562

■ 23.3814, 29.0588,
33.5810

■ 16.6165, 25.6689,
28.8578

■ 25.5342, 30.1534,
34.3674

■ 28.0427, 31.4312,
35.1798

■ 30.9228, 32.9004,
36.0190

■ 34.1893, 34.5685,
36.8857

■ 37.8563, 36.4429,
37.7805

■ 41.9371, 38.5304,
38.7042

Harmonies

Analogous

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



19.3712, 26.7821, 21.4587



18.8804, 26.7821, 31.3685



20.0049, 26.7821, 43.1838

Triad

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



18.8804, 26.7821, 31.3685



29.9702, 26.7821, 49.5071



28.5411, 26.7821, 13.9684

Complementary

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



18.8804, 26.7821, 31.3685



16.3493, 10.6262, 6.8205

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.



31.8160, 26.7821, 18.5593



18.8804, 26.7821, 31.3685



32.6967, 26.7821, 38.5160

Square

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



18.8804, 26.7821, 31.3685



26.2151, 26.7821, 55.1981



33.4035, 26.7821, 27.0599



24.7109, 26.7821, 12.9528

Rectangle

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



18.8804, 26.7821, 31.3685



21.5919, 26.7821, 50.0618



33.4035, 26.7821, 27.0599



29.7547, 26.7821, 15.0774

Sweetspot

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



18.8812, 26.7831, 31.3691



47.5856, 55.3811, 62.8273



15.2274, 25.4077, 8.2398



10.2177, 12.0574, 13.7393



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.



18.8812, 26.7831, 31.3691



32.0594, 47.5301, 55.1883



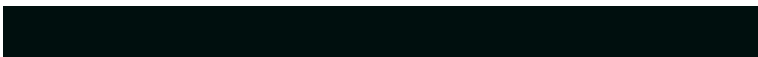
14.3802, 16.4811, 33.8770



6.7924, 7.4977, 8.3412



13.6937, 21.1454, 23.8080



0.2525, 0.3811, 0.4659

Inverse Universe

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



16.3493, 10.6262, 6.8205



27.0921, 15.6076, 6.8596



18.7003, 15.7839, 6.1992



6.6595, 6.6567, 7.0579



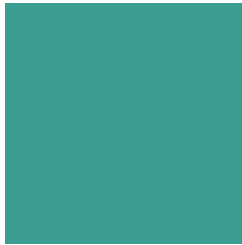
11.3774, 5.8555, 0.9723



0.2106, 0.1076, 0.0550

Previews

White Background



This preview shows how the XYZ color 18.8804, 26.7821, 31.3685 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 18.8804, 26.7821, 31.3685 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 18.8804, 26.7821, 31.3685

Background



This preview shows how black text looks on a background with the XYZ color 18.8804, 26.7821, 31.3685.

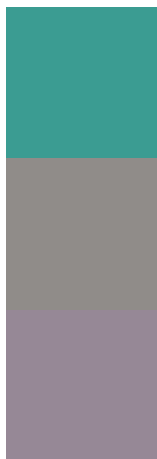


This preview shows how white text looks on a background with the XYZ color 18.8804, 26.7821,

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

18.8804, 26.7821, 31.3685

Protanopia

25.3950, 26.4916, 27.4418

Deuteranopia

26.8869, 26.2944, 32.5124



Tritanopia

20.5889, 26.7289, 40.1504

Trichromacy



Original Color

18.8804, 26.7821, 31.3685

Protanomaly

21.8226, 25.9619, 28.6719

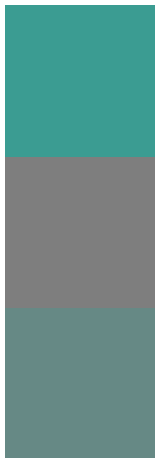
Deuteranomaly

22.5834, 25.5968, 32.1842

Tritanomaly

19.9280, 26.7044, 36.9050

Monochromacy



Original Color

18.8804, 26.7821, 31.3685

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.6588, 22.4096, 25.5324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8804, 26.7821, 31.3685 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(59, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(59, 156, 146)  
}
```

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(59, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 156, 146) }
```

Border

The CSS property to change the border of an element to XYZ 18.8804, 26.7821, 31.3685 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(59, 156, 146) }
```


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

```
.border{ border-color:rgb(59, 156, 146) }
```

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

Here you see how a box with a 4 pixel rgb(59, 156, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(59, 156,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8804, 26.7821, 31.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 156, 146) }
```

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

```
.background{ background-color: rgb(59, 156,  
146) }
```

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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