

Converting Colors

XYZ(18.7974, 26.8252, 16.2633)

Have a look what the booklet for
XYZ(18.7974, 26.8252, 16.2633)
contains.

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Color

**XYZ(18.8455, 26.8496,
16.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	609B64
RGB	96, 155, 100
RGB Percent	38%, 61%, 39%
CMY	0.6235, 0.3921, 0.6078
CMYK	0.38, 0.00, 0.35, 0.39
HSL	124°, 24%, 49%
HSV	124°, 38%, 61%
XYZ	18.8455, 26.8496, 16.2458
YIQ	131.0890, -17.5090, -29.6130

Conversions

Conversions Part 2

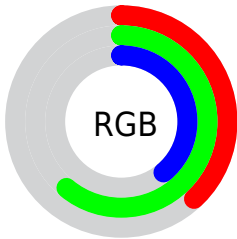
Format	Color
R_{YB}	96, 151, 155
Decimal	6331236
CIE _{Lab}	58.83, -31.01, 22.95
CIE _{LCh}	59, 38.574, 143.493
Yxy	26.8496, 0.3042, 0.4335
Android (android.graphics.Color)	4284521316 (0xFF609B64)
YUV	131.0890, -15.3269, -30.7731
Hunter-Lab	51.8166, -25.7593, 17.6827

Details

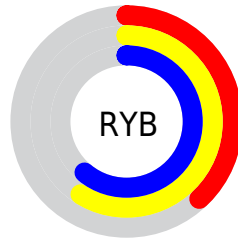
The XYZ color **18.8455, 26.8496, 16.2458** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.2873, 17.5693, 31.4432**, and the grayscale version is **21.6633, 22.7915, 24.8199**.

A 20% lighter version of the original color is **41.0269, 54.7171, 37.6773**, and **6.5523, 10.5063, 4.9314** is the 20% darker color. If you saturate the color by 10%, you get **16.7343, 25.8358, 12.8146**, and if you desaturate by 10%, it is **21.4037, 28.0811, 20.3466**.

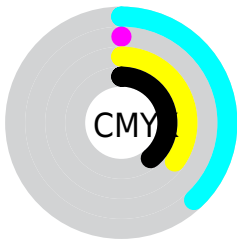
Distribution



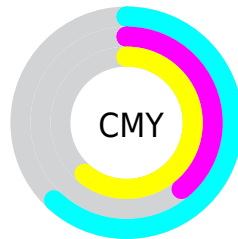
- Red (38%)
- Green (61%)
- Blue (39%)



- Red (38%)
- Yellow (59%)
- Blue (61%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (39%)



- Cyan (62%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8455, 26.8496, 16.2458 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 18.8455, 26.8496, 16.2458 by changing the saturation by 10% instead.

■ 18.8455, 26.8496,
16.2458

■ 18.8455, 26.8496,
16.2458

238.5490,
286.9282, 242.6828

■ 11.6620, 17.4603,
9.5420

■ 40.9918, 54.6424,
37.7971

■ 6.5845, 10.5632,
4.9948

■ 56.6853, 73.8147,
53.4817

■ 3.2477, 5.7740,
2.1855

■ 75.9462, 97.0169,
72.9970

■ 1.2861, 2.7081,
0.6660

■ 99.1398, 124.6332,
96.7616

■ 0.1727, 0.9813,
0.0000

126.6316,
157.0481, 125.1939

■ 0.0000, 0.0000,
0.0000

158.7868,

194.6459, 158.7125

195.9708,
237.8112, 197.7360

■ 18.8455, 26.8496,
16.2458

■ 18.8455, 26.8496,
16.2458

■ 16.7343, 25.8358,
12.8146

■ 21.4037, 28.0811,
20.3466

■ 15.0425, 25.0238,
10.0158

■ 24.4304, 29.5382,
25.1480

■ 13.7427, 24.4012,
7.8113


■ 27.9480, 31.2328,
30.6812


■ 12.8031, 23.9524,
6.1582


■ 31.9772, 33.1748,
36.9751


■ 12.1874, 23.6599,
5.0077


■ 36.5371, 35.3735,
44.0570


 11.8340, 23.4929,
4.3020

 41.6462, 37.8379,
51.9527

 11.7795, 23.4668,
4.2106

 47.3219, 40.5763,
60.6871

 53.5808, 43.5970,
70.2837

 60.4389, 46.9076,
80.7654

Harmonies

Analogous

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



22.0413, 26.8496, 11.1786



18.8455, 26.8496, 16.2458



17.4614, 26.8496, 26.3630

Triad

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



18.8455, 26.8496, 16.2458



24.4963, 26.8496, 63.7901



34.8706, 26.8496, 19.9784

Complementary

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



18.8455, 26.8496, 16.2458



23.2873, 17.5693, 31.4432

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.



35.7396, 26.8496, 32.3076



18.8455, 26.8496, 16.2458



29.3462, 26.8496, 60.4768

Square

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



18.8455, 26.8496, 16.2458



20.4514, 26.8496, 55.7802



33.6087, 26.8496, 47.7722



31.3630, 26.8496, 12.8180

Rectangle

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



18.8455, 26.8496, 16.2458



17.6123, 26.8496, 35.7894



33.6087, 26.8496, 47.7722



35.4977, 26.8496, 23.5335

Sweetspot

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



18.8462, 26.8507, 16.2464



47.9686, 54.9295, 51.6790



26.6087, 30.8743, 15.6235



10.6764, 12.3458, 11.4128



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.



18.8462, 26.8507, 16.2464



30.3700, 46.4602, 23.6066



20.5373, 27.5272, 25.1519



6.1483, 6.9320, 6.7044



9.4668, 18.8502, 3.4126



0.1455, 0.2834, 0.0719

Inverse Universe

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



23.2873, 17.5693, 31.4432



39.5233, 27.3187, 54.9188



21.1873, 16.7293, 20.3849



6.4431, 6.3164, 7.7137



14.9366, 7.2289, 21.9888



0.2280, 0.1099, 0.3534

Previews

White Background



This preview shows how the XYZ color 18.8455, 26.8496, 16.2458 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 18.8455, 26.8496, 16.2458 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 18.8455, 26.8496, 16.2458

Background



This preview shows how black text looks on a background with the XYZ color 18.8455, 26.8496, 16.2458.



This preview shows how white text looks on a background with the XYZ color 18.8455, 26.8496,

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

18.8455, 26.8496, 16.2458

Protanopia

24.6821, 26.6302, 14.4289

Deuteranopia

26.8885, 26.4344, 16.7819



Tritanopia

23.1194, 26.9060, 37.2326

Trichromacy



Original Color

18.8455, 26.8496, 16.2458

Protanomaly

21.9059, 26.3078, 14.9897

Deuteranomaly

23.1057, 25.9880, 16.6303

Tritanomaly

21.3630, 26.9113, 28.1132

Monochromacy



Original Color

18.8455, 26.8496, 16.2458

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.2395, 23.9638, 21.3280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8455, 26.8496, 16.2458 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(96, 155, 100)` looks like.

```
.text, #text, p{  
    color:rgb(96, 155, 100)  
}
```

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(96, 155, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 155, 100) }
```

Border

The CSS property to change the border of an element to XYZ 18.8455, 26.8496, 16.2458 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(96, 155, 100) }
```


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

```
.border{ border-color:rgb(96, 155, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 155, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 155, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 155, 100);  
box-shadow:4px 4px 4px 4px rgb(96, 155,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8455, 26.8496, 16.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 155, 100) }
```

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

```
.background{ background-color: rgb(96, 155,  
100) }
```

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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