

# Converting Colors

XYZ(18.7888, 26.7795, 18.0886)

Have a look what the booklet for  
XYZ(18.7888, 26.7795, 18.0886)  
contains.

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# Color

**XYZ(18.7888, 26.7795,  
18.0886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C9B6B
RGB	92, 155, 107
RGB Percent	36%, 61%, 42%
CMY	0.6392, 0.3921, 0.5804
CMYK	0.41, 0.00, 0.31, 0.39
HSL	134°, 26%, 48%
HSV	134°, 41%, 61%
XYZ	18.7888, 26.7795, 18.0886
YIQ	130.6910, -22.1400, -28.2840

# Conversions

## Conversions Part 2

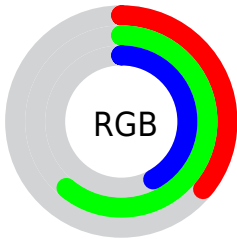
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 143, 155
Decimal	6069099
CIE <sub>Lab</sub>	58.77, -31.02, 18.97
CIE <sub>LCh</sub>	59, 36.357, 148.553
Yxy	26.7795, 0.2952, 0.4207
Android (android.graphics.Color)	4284259179 (0xFF5C9B6B)
YUV	130.6910, -11.6797, -33.9320
Hunter-Lab	51.7489, -25.7515, 15.4997

# Details

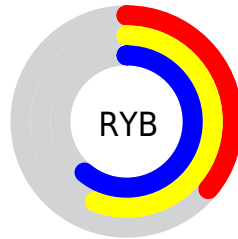
The XYZ color **18.7888, 26.7795, 18.0886** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0792, 16.5169, 26.8363**, and the grayscale version is **21.5097, 22.6299, 24.6439**.

A 20% lighter version of the original color is **40.9817, 54.6161, 41.1829**, and **6.5147, 10.4674, 5.8147** is the 20% darker color. If you saturate the color by 10%, you get **16.8166, 25.8305, 14.9717**, and if you desaturate by 10%, it is **21.1641, 27.9280, 21.6686**.

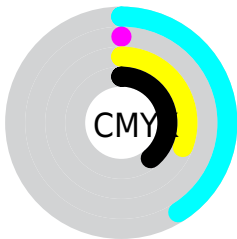
# Distribution



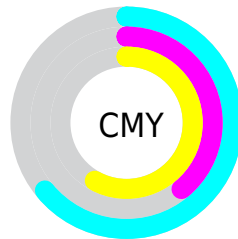
- Red (36%)
- Green (61%)
- Blue (42%)



- Red (36%)
- Yellow (56%)
- Blue (61%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7888, 26.7795, 18.0886 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 18.7888, 26.7795, 18.0886 by changing the saturation by 10% instead.



■ 18.7888, 26.7795,  
18.0886

■ 18.7888, 26.7795,  
18.0886

238.2409,  
286.5879, 253.6228

■ 11.6209, 17.4077,  
10.8435

■ 40.8966, 54.5298,  
41.0042

■ 6.5564, 10.5256,  
5.8489

■ 56.5671, 73.6771,  
57.5118

■ 3.2301, 5.7488,  
2.6861

■ 75.8025, 96.8517,  
77.9440

■ 1.2766, 2.6929,  
0.9364

■ 98.9682, 124.4380,  
102.7194

■ 0.1656, 0.9736,  
0.0000

126.4296,  
156.8204, 132.2564

■ 0.0000, 0.0000,  
0.0000

158.5519,

194.3832, 166.9736

195.7005,  
237.5109, 207.2896

■ 18.7888, 26.7795,  
18.0886

■ 18.7888, 26.7795,  
18.0886

■ 16.8166, 25.8305,  
14.9717

■ 21.1641, 27.9280,  
21.6686

■ 15.2225, 25.0662,  
12.2971

■ 23.9615, 29.2832,  
25.7276

■ 13.9820, 24.4753,  
10.0453


■ 27.2012, 30.8558,  
30.2832


■ 13.0666, 24.0434,  
8.1943


■ 30.9015, 32.6550,  
35.3513


■ 12.4433, 23.7541,  
6.7204


■ 35.0796, 34.6894,  
40.9474

 12.0543, 23.5767,  
5.6579

 39.7519, 36.9670,  
47.0860

 44.9341, 39.4957,  
53.7813

 50.6409, 42.2828,  
61.0469

 56.8867, 45.3353,  
68.8958

# Harmonies

## Analogous

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



21.5538, 26.7795, 12.4136



18.7888, 26.7795, 18.0886



17.7764, 26.7795, 28.5399

# Triad

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



18.7888, 26.7795, 18.0886



25.2362, 26.7795, 61.4271



33.7940, 26.7795, 18.8848

# Complementary

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



18.7888, 26.7795, 18.0886



22.0792, 16.5169, 26.8363

# 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.



35.0721, 26.7795, 29.7857



18.7888, 26.7795, 18.0886



29.7964, 26.7795, 56.6392

# Square

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



18.7888, 26.7795, 18.0886



21.2184, 26.7795, 55.6750



33.5319, 26.7795, 44.0154



30.2168, 26.7795, 12.7694



# Rectangle

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



18.7888, 26.7795, 18.0886



18.1290, 26.7795, 37.7334



33.5319, 26.7795, 44.0154



34.5240, 26.7795, 21.9920

# Sweetspot

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



18.7895, 26.7806, 18.0892



47.7366, 54.7832, 52.8753



24.5199, 29.8182, 14.5886



10.6429, 12.3212, 11.7420



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.



18.7895, 26.7806, 18.0892



30.3369, 46.3642, 27.1709



20.7377, 27.5599, 28.3483



6.1895, 6.9485, 6.9211



9.6947, 18.9413, 4.6129



0.1574, 0.2882, 0.1345



# Inverse Universe

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



22.0792, 16.5169, 26.8363



37.0635, 25.3410, 45.0297



20.0950, 15.7232, 16.3878



6.3983, 6.2985, 7.4776



13.5037, 6.6557, 14.4435



0.2155, 0.1050, 0.2879



# Previews

## White Background



This preview shows how the XYZ color 18.7888, 26.7795, 18.0886 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 18.7888, 26.7795, 18.0886 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 18.7888, 26.7795, 18.0886**

## **Background**



This preview shows how black text looks on a background with the XYZ color 18.7888, 26.7795, 18.0886.



This preview shows how white text looks on a background with the XYZ color 18.7888, 26.7795,



# 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

18.7888, 26.7795, 18.0886

### Protanopia

24.8227, 26.6647, 16.1504

### Deuteranopia

26.8431, 26.3682, 18.7137



## Tritanopia

22.5286, 26.6014, 37.2049

# Trichromacy



## Original Color

18.7888, 26.7795, 18.0886

## Protanomaly

21.9330, 26.2829, 16.7491

## Deuteranomaly

22.9687, 25.8751, 18.5357

## Tritanomaly

21.0199, 26.7090, 29.2468

# Monochromacy



## Original Color

18.7888, 26.7795, 18.0886

## Achromatopsia

21.5731, 22.6966, 24.7166

## Achromatomaly

20.2271, 23.9432, 21.9678

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 18.7888, 26.7795, 18.0886 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(92, 155, 107)` looks like.

```
.text, #text, p{  
    color:rgb(92, 155, 107)  
}
```

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(92, 155, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 155, 107) }
```

## Border

The CSS property to change the border of an element to XYZ 18.7888, 26.7795, 18.0886 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(92, 155, 107) }
```



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

```
.border{ border-color:rgb(92, 155, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 155, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 155, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 155, 107);  
box-shadow:4px 4px 4px 4px rgb(92, 155,  
107) }
```

# Background

The CSS property to change the background color of an element to XYZ 18.7888, 26.7795, 18.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 155, 107) }
```

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

```
.background{ background-color: rgb(92, 155,  
107) }
```

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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