

Converting Colors

XYZ(18.1811, 26.2829, 15.1812)

Have a look what the booklet for
XYZ(18.1811, 26.2829, 15.1812)
contains.

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Color

**XYZ(18.1811, 26.2829,
15.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9A60
RGB	93, 154, 96
RGB Percent	36%, 60%, 38%
CMY	0.6353, 0.3961, 0.6235
CMYK	0.40, 0.00, 0.38, 0.40
HSL	123°, 25%, 48%
HSV	123°, 40%, 60%
XYZ	18.1811, 26.2829, 15.1812
YIQ	129.1490, -17.7380, -30.9700

Conversions

Conversions Part 2

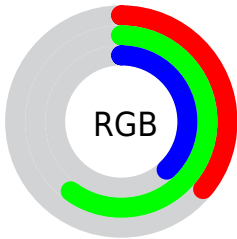
Format	Color
RYB	93, 151, 154
Decimal	6134368
CIELab	58.30, -32.19, 24.40
CIElCh	58, 40.392, 142.831
Yxy	26.2829, 0.3048, 0.4407
Android (android.graphics.Color)	4284324448 (0xFF5D9A60)
YUV	129.1490, -16.3425, -31.7027
Hunter-Lab	51.2669, -26.4144, 18.3298

Details

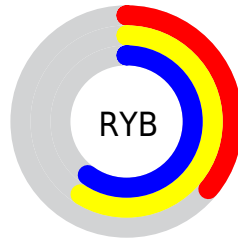
The XYZ color **18.1811, 26.2829, 15.1812** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.8275, 16.9335, 31.3443**, and the grayscale version is **20.9790, 22.0715, 24.0359**.

A 20% lighter version of the original color is **39.9210, 53.8185, 35.8877**, and **6.2202, 10.1959, 4.5459** is the 20% darker color. If you saturate the color by 10%, you get **16.1641, 25.3146, 11.8896**, and if you desaturate by 10%, it is **20.6390, 27.4655, 19.1500**.

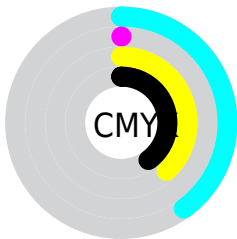
Distribution



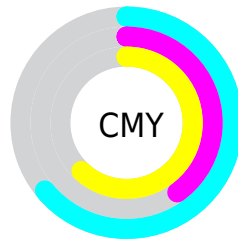
- Red (36%)
- Green (60%)
- Blue (38%)



- Red (36%)
- Yellow (59%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1811, 26.2829, 15.1812 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 18.1811, 26.2829, 15.1812 by changing the saturation by 10% instead.

■ 18.1811, 26.2829,
15.1812

■ 18.1811, 26.2829,
15.1812

234.9157,
284.1681, 236.1388

■ 11.1806, 17.0354,
8.7986

■ 39.8733, 53.7310,
35.9175

■ 6.2566, 10.2597,
4.5150

■ 55.2958, 72.7004,
51.1084

■ 3.0439, 5.5715,
1.9119

■ 74.2562, 95.6791,
70.0724

■ 1.1770, 2.5863,
0.5003

■ 97.1199, 123.0517,
93.2281

■ 0.0881, 0.9198,
0.0000

124.2524,
155.2025, 120.9940

■ 0.0000, 0.0000,
0.0000

156.0190,

192.5159, 153.7888

192.7850,
235.3763, 192.0309

■ 18.1811, 26.2829,
15.1812

■ 18.1811, 26.2829,
15.1812

■ 16.1641, 25.3146,
11.8896

■ 20.6390, 27.4655,
19.1500

■ 14.5599, 24.5447,
9.2359

■ 23.5596, 28.8706,
23.8291

■ 13.3407, 23.9605,
7.1792


■ 26.9657, 30.5100,
29.2515

■ 12.4740, 23.5461,
5.6734


■ 30.8779, 32.3937,
35.4475


■ 11.9223, 23.2834,
4.6653


■ 35.3157, 34.5312,
42.4458


 11.6083, 23.1340,
4.0874

 40.2977, 36.9314,
50.2736

 11.5976, 23.1289,
4.0706

 45.8413, 39.6028,
58.9570

 51.9634, 42.5535,
68.5206

 58.6800, 45.7913,
78.9884

Harmonies

Analogous

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



21.4903, 26.2829, 10.2172



18.1811, 26.2829, 15.1812



16.7279, 26.2829, 25.3709

Triad

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



18.1811, 26.2829, 15.1812



23.8201, 26.2829, 64.7520



34.7439, 26.2829, 19.3470

Complementary

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



18.1811, 26.2829, 15.1812



22.8275, 16.9335, 31.3443

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.



35.5811, 26.2829, 32.1302



18.1811, 26.2829, 15.1812



28.8309, 26.2829, 61.5170

Square

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



18.1811, 26.2829, 15.1812



19.6949, 26.2829, 56.0605



33.2949, 26.2829, 48.2844



31.1375, 26.2829, 12.0132

Rectangle

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



18.1811, 26.2829, 15.1812



16.8524, 26.2829, 35.0598



33.2949, 26.2829, 48.2844



35.3763, 26.2829, 23.0173

Sweetspot

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



18.1818, 26.2840, 15.1818



47.2688, 54.5960, 50.4116



26.4752, 30.5751, 14.8622



10.5284, 12.2754, 11.1390



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.



18.1818, 26.2840, 15.1818



29.5765, 46.0870, 21.9496



19.8063, 26.9338, 23.7366



6.1439, 6.9303, 6.6810



9.4525, 18.8444, 3.3373



0.1442, 0.2829, 0.0650

Inverse Universe

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



22.8275, 16.9335, 31.3443



39.2779, 26.5502, 55.6933



20.7214, 16.0911, 20.2539



6.4481, 6.3184, 7.7398



15.1152, 7.3003, 22.9296



0.2294, 0.1105, 0.3610

Previews

White Background



This preview shows how the XYZ color 18.1811, 26.2829, 15.1812 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



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 18.1811, 26.2829, 15.1812

Background



This preview shows how black text looks on a background with the XYZ color 18.1811, 26.2829, 15.1812.



This preview shows how white text looks on a background with the XYZ color 18.1811, 26.2829,

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

18.1811, 26.2829, 15.1812

Protanopia

24.0270, 25.8788, 13.4016

Deuteranopia

26.3911, 25.9891, 15.9374



Tritanopia

22.2761, 26.0296, 36.1979

Trichromacy



Original Color

18.1811, 26.2829, 15.1812

Protanomaly

21.2651, 25.5445, 13.9350

Deuteranomaly

22.4245, 25.4396, 15.5328

Tritanomaly

20.4874, 26.0109, 26.8625

Monochromacy



Original Color

18.1811, 26.2829, 15.1812

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.5018, 23.1743, 20.2749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1811, 26.2829, 15.1812 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(93, 154, 96)` looks like.

```
.text, #text, p{  
    color:rgb(93, 154, 96)  
}
```

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(93, 154, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 154, 96) }
```

Border

The CSS property to change the border of an element to XYZ 18.1811, 26.2829, 15.1812 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(93, 154, 96) }
```


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

```
.border{ border-color:rgb(93, 154, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 154, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 154, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 154, 96);  
box-shadow:4px 4px 4px 4px rgb(93, 154,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1811, 26.2829, 15.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 154, 96) }
```

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

```
.background{ background-color: rgb(93, 154,  
96) }
```

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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