

Converting Colors

XYZ(16.2032, 26.0009, 4.1651)

Have a look what the booklet for
XYZ(16.2032, 26.0009, 4.1651)
contains.

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Color

**XYZ(16.2029, 26.0011,
4.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9C00
RGB	91, 156, 0
RGB Percent	36%, 61%, 0%
CMY	0.6431, 0.3882, 1.0000
CMYK	0.42, 0.00, 1.00, 0.39
HSL	85°, 100%, 31%
HSV	85°, 100%, 61%
XYZ	16.2029, 26.0011, 4.1647
YIQ	118.7810, 11.3360, -62.2960

Conversions

Conversions Part 2

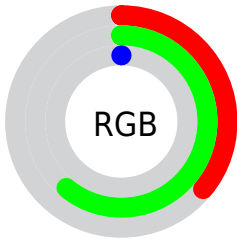
Format	Color
RYB	0, 156, 65
Decimal	6003712
CIELab	58.04, -41.89, 60.27
CIELCh	58, 73.395, 124.803
Yxy	26.0011, 0.3494, 0.5607
Android (android.graphics.Color)	4284193792 (0xFF5B9C00)
YUV	118.7810, -58.5590, -24.3639
Hunter-Lab	50.9913, -32.5149, 30.8514

Details

The XYZ color **16.2029, 26.0011, 4.1647** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8.1821, 3.5250, 31.7031**, and the grayscale version is **17.6432, 18.5620, 20.2140**.

A 20% lighter version of the original color is **36.4642, 53.2465, 14.3170**, and **5.5460, 10.2077, 1.6780** is the 20% darker color. If you saturate the color by 10%, you get **16.2029, 26.0020, 4.1649**, and if you desaturate by 10%, it is **16.9630, 26.3833, 4.6736**.

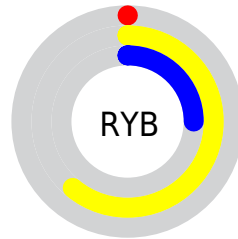
Distribution



Red (36%)

Green (61%)

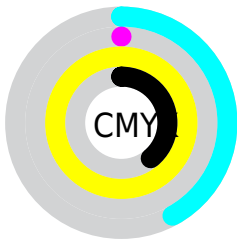
Blue (0%)



Red (0%)

Yellow (61%)

Blue (25%)

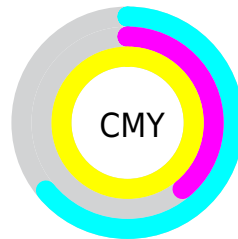


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (64%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2029, 26.0011, 4.1647 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 16.2029, 26.0011, 4.1647 by changing the saturation by 10% instead.

■ 16.2029, 26.0011,
4.1647

■ 16.2029, 26.0011,
4.1647

223.7830,
282.7875, 150.0388

■ 9.7596, 16.8245,
1.7161

■ 36.5047, 53.2767,
14.3879

■ 5.3009, 10.1094,
0.3717

■ 51.0939, 72.1445,
22.9995

■ 2.4614, 5.4716,
0.0000

■ 69.1291, 95.0114,
34.5026

■ 0.8758, 2.5265,
0.0000

■ 90.9757, 122.2619,
49.3157


■ 0.0000, 0.8899,
0.0000


■ 116.9991,
154.2804, 67.8574


■ 0.0000, 0.0000,
0.0000


■ 147.5645,


191.4512, 90.5460


 183.0373,
234.1588, 117.8003


 16.2029, 26.0011,
4.1647


 16.2029, 26.0011,
4.1647

 16.2029, 26.0020,
4.1649

 16.9630, 26.3833,
4.6736

 17.8483, 26.8213,
5.5474

 18.8915, 27.3291,
6.9490

 20.1065, 27.9126,
8.9451

 21.5054, 28.5765,
11.5927

■ 23.0988, 29.3255,
14.9420

■ 24.8966, 30.1635,
19.0385

■ 26.9077, 31.0942,
23.9236

■ 29.1405, 32.1212,
29.6358

Harmonies

Analogous

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



23.3129, 26.0011, 2.2051



16.2029, 26.0011, 4.1647



12.2727, 26.0011, 12.1948

Triad

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



16.2029, 26.0011, 4.1647



18.1417, 26.0011, 99.4712



45.8957, 26.0011, 24.4157

Complementary

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



16.2029, 26.0011, 4.1647



8.1821, 3.5250, 31.7031

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.



43.5752, 26.0011, 54.6044



16.2029, 26.0011, 4.1647



26.1686, 26.0011, 110.1762

Square

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



16.2029, 26.0011, 4.1647



13.1900, 26.0011, 66.3291



35.7785, 26.0011, 90.3175



41.5245, 26.0011, 8.5851

Rectangle

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



16.2029, 26.0011, 4.1647



11.3248, 26.0011, 24.1139



35.7785, 26.0011, 90.3175



45.8803, 26.0011, 32.9684

Sweetspot

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



16.2035, 26.0022, 4.1653



45.0101, 54.6868, 34.0906



15.6018, 10.8498, 1.2723



9.6160, 11.8994, 6.8337



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.



16.2035, 26.0022, 4.1653



29.1994, 47.1070, 7.5536



12.0552, 23.8637, 3.9711



6.9027, 7.5825, 7.0854



13.3857, 21.4373, 3.4323



0.2868, 0.4078, 0.0636

Inverse Universe

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



8.1821, 3.5250, 31.7031



14.6462, 6.2913, 57.5692



17.3296, 8.2407, 32.1312



6.5335, 6.5635, 8.3292



6.7766, 2.9225, 26.1142



0.1682, 0.0765, 0.4691

Previews

White Background



This preview shows how the XYZ color 16.2029, 26.0011, 4.1647 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 16.2029, 26.0011, 4.1647 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 16.2029, 26.0011, 4.1647

Background



This preview shows how black text looks on a background with the XYZ color 16.2029, 26.0011, 4.1647.



This preview shows how white text looks on a background with the XYZ color 16.2029, 26.0011,

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

16.2029, 26.0011, 4.1647

Protanopia

23.1372, 25.6333, 3.7283

Deuteranopia

26.1778, 25.7154, 4.8802



Tritanopia

22.5179, 25.9363, 35.7177

Trichromacy



Original Color

16.2029, 26.0011, 4.1647

Protanomaly

19.7983, 25.2373, 3.8278

Deuteranomaly

21.1527, 25.0296, 4.3781

Tritanomaly

18.5272, 25.2398, 15.9519

Monochromacy



Original Color

16.2029, 26.0011, 4.1647

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

15.8624, 20.2755, 9.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2029, 26.0011, 4.1647 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(91, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 156, 0)  
}
```

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(91, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 156, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.2029, 26.0011, 4.1647 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(91, 156, 0) }
```


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

```
.border{ border-color:rgb(91, 156, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 156, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(91, 156, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.2029, 26.0011, 4.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 156, 0) }
```

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

```
.background{ background-color: rgb(91, 156,  
0) }
```

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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