

Converting Colors

XYZ(16.2061, 25.9911, 4.6929)

Have a look what the booklet for
XYZ(16.2061, 25.9911, 4.6929)
contains.

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Color

**XYZ(16.2061, 25.9911,
4.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9C11
RGB	90, 156, 17
RGB Percent	35%, 61%, 7%
CMY	0.6471, 0.3882, 0.9333
CMYK	0.42, 0.00, 0.89, 0.39
HSL	88°, 80%, 34%
HSV	88°, 89%, 61%
XYZ	16.2061, 25.9911, 4.6929
YIQ	120.4200, 5.2830, -57.2210

Conversions

Conversions Part 2

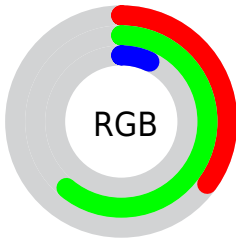
Format	Color
RYB	17, 156, 83
Decimal	5938193
CIELab	58.03, -41.83, 57.51
CIELCh	58, 71.117, 126.030
Yxy	25.9911, 0.3456, 0.5543
Android (android.graphics.Color)	4284128273 (0xFF5A9C11)
YUV	120.4200, -50.9861, -26.6783
Hunter-Lab	50.9815, -32.4756, 30.2293

Details

The XYZ color **16.2061, 25.9911, 4.6929** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.7699, 4.6411, 31.8349**, and the grayscale version is **18.1456, 19.0906, 20.7896**.

A 20% lighter version of the original color is **36.5235, 53.2496, 15.5609**, and **5.5154, 10.1919, 1.6765** is the 20% darker color. If you saturate the color by 10%, you get **15.4281, 25.6017, 4.1689**, and if you desaturate by 10%, it is **17.1314, 26.4496, 5.6126**.

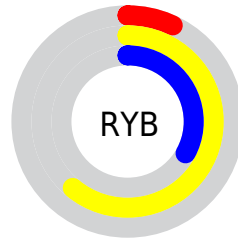
Distribution



Red (35%)

Green (61%)

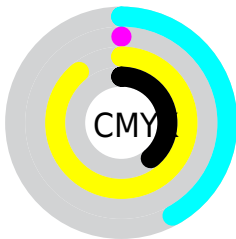
Blue (7%)



Red (7%)

Yellow (61%)

Blue (33%)

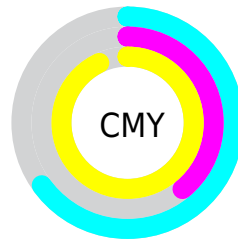


Cyan (42%)

Magenta (0%)

Yellow (89%)

Black (39%)



Cyan (65%)


Magenta (39%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2061, 25.9911, 4.6929 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 16.2061, 25.9911, 4.6929 by changing the saturation by 10% instead.


 16.2061, 25.9911,
4.6929


 16.2061, 25.9911,
4.6929


223.8014,
282.7384, 155.6410


 9.7619, 16.8170,
2.0127


 36.5102, 53.2606,
15.5787


 5.3024, 10.1041,
0.5630


 51.1008, 72.1247,
24.6213


 2.4623, 5.4680,
0.0000

 69.1376, 94.9877,
36.6217

 0.8763, 2.5244,
0.0000

 90.9858, 122.2339,
51.9986

 0.0000, 0.8888,
0.0000

 117.0110,
154.2476, 71.1704

 0.0000, 0.0000,
0.0000

 147.5784,

191.4134, 94.5557

183.0534,
234.1155, 122.5731

16.2061, 25.9911,
4.6929

16.2061, 25.9911,
4.6929

15.4281, 25.6017,
4.1689

17.1314, 26.4496,
5.6126

15.3620, 25.5685,
4.1255

18.2309, 26.9853,
7.0668

19.5196, 27.6055,
9.1217

21.0100, 28.3154,
11.8336

22.7134, 29.1196,
15.2523

■ 24.6399, 30.0224,
19.4229

■ 26.7992, 31.0279,
24.3865

■ 29.2000, 32.1398,
30.1814

■ 31.8507, 33.3616,
36.8434

Harmonies

Analogous

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



23.0090, 25.9911, 2.5089



16.2061, 25.9911, 4.6929



12.4758, 25.9911, 13.1037

Triad

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



16.2061, 25.9911, 4.6929



18.5826, 25.9911, 97.2674



45.0396, 25.9911, 23.6160

Complementary

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



16.2061, 25.9911, 4.6929



9.7699, 4.6411, 31.8349

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.



43.0792, 25.9911, 52.1968



16.2061, 25.9911, 4.6929



26.4798, 25.9911, 106.2247

Square

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



16.2061, 25.9911, 4.6929



13.6088, 25.9911, 66.2405



35.7488, 25.9911, 86.3836



40.6140, 25.9911, 8.5980

Rectangle

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



16.2061, 25.9911, 4.6929



11.6180, 25.9911, 25.1493



35.7488, 25.9911, 86.3836



45.1169, 25.9911, 31.7032

Sweetspot

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



16.2067, 25.9922, 4.6935



45.3357, 54.7997, 36.5882



16.8199, 13.1241, 2.1774



9.7208, 11.9392, 7.4811



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.



16.2067, 25.9922, 4.6935



27.6717, 46.3195, 7.4821



12.3133, 23.9851, 4.5113



6.8665, 7.5638, 7.0837



12.6933, 21.0804, 3.3999



0.2757, 0.4020, 0.0631

Inverse Universe

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



9.7699, 4.6411, 31.8349



15.8152, 6.8940, 57.6239



19.0329, 9.4164, 32.2684



6.5693, 6.5820, 8.3309



7.3135, 3.1993, 26.1393



0.1793, 0.0822, 0.4697

Previews

White Background



This preview shows how the XYZ color 16.2061, 25.9911, 4.6929 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 16.2061, 25.9911, 4.6929 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 16.2061, 25.9911, 4.6929

Background



This preview shows how black text looks on a background with the XYZ color 16.2061, 25.9911, 4.6929.



This preview shows how white text looks on a background with the XYZ color 16.2061, 25.9911,

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

16.2061, 25.9911, 4.6929

Protanopia

23.1920, 25.6553, 4.0168

Deuteranopia

26.0102, 25.6225, 5.1649



Tritanopia

22.3955, 25.8733, 35.7120

Trichromacy



Original Color

16.2061, 25.9911, 4.6929

Protanomaly

19.8709, 25.2664, 4.2104

Deuteranomaly

21.0622, 24.9732, 4.8088

Tritanomaly

18.7158, 25.3022, 17.5331

Monochromacy



Original Color

16.2061, 25.9911, 4.6929

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.2555, 20.6508, 11.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2061, 25.9911, 4.6929 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(90, 156, 17)` looks like.

```
.text, #text, p{  
    color:rgb(90, 156, 17)  
}
```

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(90, 156, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 156, 17) }
```

Border

The CSS property to change the border of an element to XYZ 16.2061, 25.9911, 4.6929 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(90, 156, 17) }
```


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

```
.border{ border-color:rgb(90, 156, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 156, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 156, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 156, 17);  
box-shadow:4px 4px 4px 4px rgb(90, 156,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2061, 25.9911, 4.6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 156, 17) }
```

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

```
.background{ background-color: rgb(90, 156,  
17) }
```

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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