

Converting Colors

XYZ(16.9431, 25.9218, 6.2555)

Have a look what the booklet for
XYZ(16.9431, 25.9218, 6.2555)
contains.

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Color

**XYZ(16.9033, 25.8198,
6.2833)**

Conversions

Conversions Part 1

Format	Color
Hex	619A2A
RGB	97, 154, 42
RGB Percent	38%, 60%, 16%
CMY	0.6196, 0.3961, 0.8353
CMYK	0.37, 0.00, 0.73, 0.40
HSL	91°, 57%, 38%
HSV	91°, 73%, 60%
XYZ	16.9033, 25.8198, 6.2833
YIQ	124.1890, 1.9800, -46.9160

Conversions

Conversions Part 2

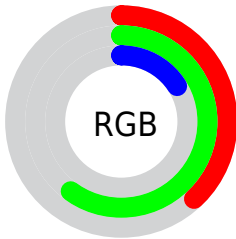
Format	Color
R_YB	42, 154, 99
Decimal	6396458
CIE Lab	57.87, -37.21, 50.07
CIE LCh	58, 62.380, 126.618
Yxy	25.8198, 0.3449, 0.5269
Android (android.graphics.Color)	4284586538 (0xFF619A2A)
YUV	124.1890, -40.5192, -23.8448
Hunter-Lab	50.8132, -29.5440, 28.2377

Details

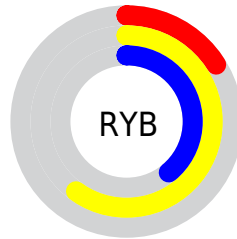
The XYZ color **16.9033, 25.8198, 6.2833** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.8075, 6.6425, 31.2332**, and the grayscale version is **19.3525, 20.3603, 22.1724**.

A 20% lighter version of the original color is **37.8149, 53.1026, 19.0832**, and **5.7062, 9.9950, 1.6285** is the 20% darker color. If you saturate the color by 10%, you get **15.8848, 25.3215, 5.0633**, and if you desaturate by 10%, it is **18.1115, 26.4053, 8.0661**.

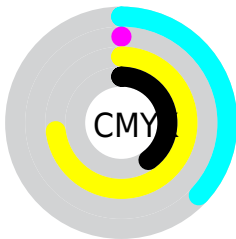
Distribution



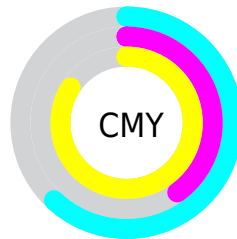
- Red (38%)
- Green (60%)
- Blue (16%)



- Red (16%)
- Yellow (60%)
- Blue (39%)



- Cyan (37%)
- Magenta (0%)
- Yellow (73%)
- Black (40%)





- Cyan (62%)
- Magenta (40%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.9033, 25.8198, 6.2833 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 16.9033, 25.8198, 6.2833 by changing the saturation by 10% instead.


 16.9033, 25.8198,
6.2833


 16.9033, 25.8198,
6.2833


227.7816,
281.8964, 170.9665


 10.2604, 16.6889,
2.9465


 37.7044, 52.9841,
19.0039


 5.6356, 10.0129,
1.0674


 52.5933, 71.7863,
29.2247

 2.6633, 5.4075,
0.0000

 70.9616, 94.5810,
42.5774

 0.9783, 2.4883,
0.0000

 93.1747, 121.7526,
59.4804

 0.0000, 0.8708,
0.0000

 119.5979,
153.6856, 80.3523

 0.0000, 0.0000,
0.0000

 150.5965,

190.7643, 105.6115

186.5360,
233.3731, 135.6768

■ 16.9033, 25.8198,
6.2833

■ 16.9033, 25.8198,
6.2833

■ 15.8848, 25.3215,
5.0633

■ 18.1115, 26.4053,
8.0661

■ 15.0389, 24.9006,
4.3365

■ 19.5208, 27.0801,
10.4675

■ 14.5067, 24.6334,
3.9901

■ 21.1434, 27.8503,
13.5384

■ 22.9901, 28.7204,
17.3237

■ 25.0707, 29.6946,
21.8648

■ 27.3943, 30.7768,
27.1997

■ 29.9697, 31.9707,
33.3639

■ 32.8049, 33.2798,
40.3907

■ 35.9079, 34.7073,
48.3116

Harmonies

Analogous

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



22.9157, 25.8198, 3.8055



16.9033, 25.8198, 6.2833



13.5392, 25.8198, 14.6994

Triad

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



16.9033, 25.8198, 6.2833



19.2501, 25.8198, 85.6344



41.8388, 25.8198, 23.6158

Complementary

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



16.9033, 25.8198, 6.2833



11.8075, 6.6425, 31.2332

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.



40.3047, 25.8198, 47.9010



16.9033, 25.8198, 6.2833



26.2413, 25.8198, 92.3527

Square

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



16.9033, 25.8198, 6.2833



14.6886, 25.8198, 60.6549



34.1896, 25.8198, 76.0139



38.0345, 25.8198, 9.9703

Rectangle

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



16.9033, 25.8198, 6.2833



12.7742, 25.8198, 25.7464



34.1896, 25.8198, 76.0139



41.9403, 25.8198, 30.6212

Sweetspot

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



16.9039, 25.8209, 6.2839



45.6544, 53.9932, 39.9724



18.1131, 15.7736, 4.2808



10.1101, 12.1166, 8.5490



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.



16.9039, 25.8209, 6.2839



27.8940, 45.5199, 8.3044



12.9292, 23.7719, 6.0978



6.4065, 7.0670, 6.6323



11.8595, 20.0897, 3.2526



0.2191, 0.3219, 0.0506

Inverse Universe

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



11.8075, 6.6425, 31.2332



18.0909, 8.6568, 56.2537



19.9882, 10.8598, 31.6160



6.1691, 6.1731, 7.7953



7.3787, 3.2549, 25.1471



0.1523, 0.0703, 0.3779

Previews

White Background



This preview shows how the XYZ color 16.9033, 25.8198, 6.2833 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 16.9033, 25.8198, 6.2833 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 16.9033, 25.8198, 6.2833

Background



This preview shows how black text looks on a background with the XYZ color 16.9033, 25.8198, 6.2833.



This preview shows how white text looks on a background with the XYZ color 16.9033, 25.8198,

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

16.9033, 25.8198, 6.2833

Protanopia

23.1000, 25.5737, 5.5524

Deuteranopia

26.0824, 25.6258, 6.7035



Tritanopia

22.6997, 25.8238, 34.7984

Trichromacy



Original Color

16.9033, 25.8198, 6.2833

Protanomaly

20.1710, 25.1613, 5.7130

Deuteranomaly

21.5886, 24.9893, 6.4819

Tritanomaly

19.6906, 25.5205, 19.8077

Monochromacy



Original Color

16.9033, 25.8198, 6.2833

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.6238, 21.7135, 13.8519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9033, 25.8198, 6.2833 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(97, 154, 42)` looks like.

```
.text, #text, p{  
    color:rgb(97, 154, 42)  
}
```

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(97, 154, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 154, 42) }
```

Border

The CSS property to change the border of an element to XYZ 16.9033, 25.8198, 6.2833 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(97, 154, 42) }
```


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

```
.border{ border-color:rgb(97, 154, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 154, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 154, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 154, 42);  
box-shadow:4px 4px 4px 4px rgb(97, 154,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9033, 25.8198, 6.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 154, 42) }
```

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

```
.background{ background-color: rgb(97, 154,  
42) }
```

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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