

Converting Colors

XYZ(18.3134, 28.4548, 7.4624)

Have a look what the booklet for
XYZ(18.3134, 28.4548, 7.4624)
contains.

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Color

**XYZ(18.4045, 28.6038,
7.4568)**

Conversions

Conversions Part 1

Format	Color
Hex	61A231
RGB	97, 162, 49
RGB Percent	38%, 64%, 19%
CMY	0.6196, 0.3647, 0.8078
CMYK	0.40, 0.00, 0.70, 0.36
HSL	95°, 54%, 41%
HSV	95°, 70%, 64%
XYZ	18.4045, 28.6038, 7.4568
YIQ	129.6830, -2.4670, -48.9230

Conversions

Conversions Part 2

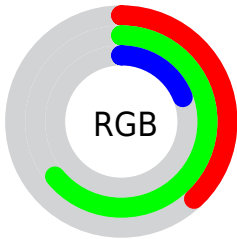
Format	Color
R_{YB}	49, 162, 114
Decimal	6398513
CIE _{Lab}	60.43, -40.17, 49.95
CIE _{LCh}	60, 64.101, 128.810
Yxy	28.6038, 0.3379, 0.5252
Android (android.graphics.Color)	4284588593 (0xFF61A231)
YUV	129.6830, -39.7767, -28.6630
Hunter-Lab	53.4825, -32.1687, 29.1713

Details

The XYZ color **18.4045, 28.6038, 7.4568** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.5607, 8.3836, 35.0348**, and the grayscale version is **21.2435, 22.3498, 24.3389**.

A 20% lighter version of the original color is **40.1600, 57.2604, 21.5061**, and **6.4904, 11.6233, 1.9014** is the 20% darker color. If you saturate the color by 10%, you get **17.1871, 28.0097, 5.9250**, and if you desaturate by 10%, it is **19.8629, 29.3097, 9.6425**.

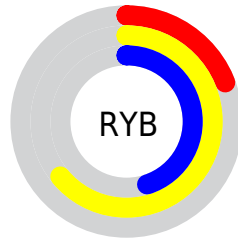
Distribution



Red (38%)

Green (64%)

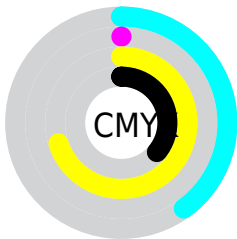
Blue (19%)



Red (19%)

Yellow (64%)

Blue (45%)

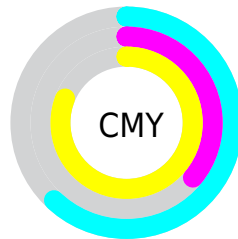


Cyan (40%)

Magenta (0%)

Yellow (70%)

Black (36%)



Cyan (62%)


Magenta (36%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4045, 28.6038, 7.4568 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 18.4045, 28.6038, 7.4568 by changing the saturation by 10% instead.


 18.4045, 28.6038,
7.4568


 18.4045, 28.6038,
7.4568


236.1430,
295.3410, 181.1796


 11.3422, 18.7813,
3.6666


 40.2501, 57.4470,
21.4148


 6.3665, 11.5124,
1.4443


 55.7641, 77.2365,
32.4196

 3.1120, 6.4126,
0.1759


 74.8261, 101.1171,
46.6665

 1.2132, 3.0975,
0.0000

 97.8014, 129.4733,
64.5739

 0.1168, 1.1829,
0.0000

 125.0554,
162.6893, 86.5604

 0.0000, 0.0476,
0.0000

 156.9534,

 0.0000, 0.0000,

201.1497, 113.0445

0.0000

193.8608,
245.2388, 144.4447

■ 18.4045, 28.6038,
7.4568

■ 18.4045, 28.6038,
7.4568

■ 17.1871, 28.0097,
5.9250

■ 19.8629, 29.3097,
9.6425

■ 16.1906, 27.5161,
4.9720

■ 21.5759, 30.1303,
12.5429

■ 15.3804, 27.1095,
4.4336

■ 23.5582, 31.0731,
16.2137

■ 15.3618, 27.1001,
4.4212

■ 25.8229, 32.1435,
20.7048

■ 28.3818, 33.3467,
26.0617

■ 31.2463, 34.6877,
32.3267

■ 34.4268, 36.1710,
39.5393

■ 37.9335, 37.8009,
47.7365

■ 41.7759, 39.5817,
56.9536

Harmonies

Analogous

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



24.8283, 28.6038, 4.3615



18.4045, 28.6038, 7.4568



14.9124, 28.6038, 17.4353

Triad

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



18.4045, 28.6038, 7.4568



21.8446, 28.6038, 95.6473



46.0784, 28.6038, 24.6897

Complementary

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



18.4045, 28.6038, 7.4568



14.5607, 8.3836, 35.0348

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.



44.8306, 28.6038, 50.6315



18.4045, 28.6038, 7.4568



29.6907, 28.6038, 101.1082

Square

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



18.4045, 28.6038, 7.4568



16.6010, 28.6038, 69.1964



38.3954, 28.6038, 81.6816



41.5231, 28.6038, 10.4613

Rectangle

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



18.4045, 28.6038, 7.4568



14.2070, 28.6038, 30.2099



38.3954, 28.6038, 81.6816



46.3402, 28.6038, 32.0985

Sweetspot

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



18.4052, 28.6050, 7.4574



50.7196, 60.1591, 45.5966



21.3647, 19.7220, 5.5868



11.1116, 13.3800, 9.6495



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.4052, 28.6050, 7.4574



30.0962, 50.3021, 9.6262



14.9148, 26.7857, 8.1947



7.2574, 8.0352, 7.5485



12.1491, 21.3736, 3.4852



0.3088, 0.4767, 0.0757

Inverse Universe

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



14.5607, 8.3836, 35.0348



22.5831, 11.1177, 63.0118



21.8714, 12.2275, 31.9849



7.0722, 7.0516, 8.8914



8.7595, 3.9221, 27.2252



0.2365, 0.1094, 0.5745

Previews

White Background



This preview shows how the XYZ color 18.4045, 28.6038, 7.4568 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 18.4045, 28.6038, 7.4568 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 18.4045, 28.6038, 7.4568

Background



This preview shows how black text looks on a background with the XYZ color 18.4045, 28.6038, 7.4568.



This preview shows how white text looks on a background with the XYZ color 18.4045, 28.6038,

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

18.4045, 28.6038, 7.4568

Protanopia

25.4993, 28.1216, 6.5667

Deuteranopia

28.6746, 28.1857, 7.9321



Tritanopia

24.6169, 28.3550, 38.8259

Trichromacy



Original Color

18.4045, 28.6038, 7.4568

Protanomaly

22.0410, 27.7337, 6.7762

Deuteranomaly

23.7010, 27.6273, 7.6979

Tritanomaly

21.4185, 28.0360, 22.6950

Monochromacy



Original Color

18.4045, 28.6038, 7.4568

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.4932, 24.1371, 15.9435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4045, 28.6038, 7.4568 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, 162, 49)` looks like.

```
.text, #text, p{  
    color:rgb(97, 162, 49)  
}
```

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, 162, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 162, 49) }
```

Border

The CSS property to change the border of an element to XYZ 18.4045, 28.6038, 7.4568 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, 162, 49) }
```


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

```
.border{ border-color:rgb(97, 162, 49) }
```

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

Here you see how a box with a 4 pixel rgb(97, 162, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 162, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 162, 49);  
box-shadow:4px 4px 4px 4px rgb(97, 162,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4045, 28.6038, 7.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 162, 49) }
```

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

```
.background{ background-color: rgb(97, 162,  
49) }
```

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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