

Converting Colors

XYZ(18.4542, 28.9933, 7.6408)

Have a look what the booklet for
XYZ(18.4542, 28.9933, 7.6408)
contains.

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Color

**XYZ(18.3922, 28.8576,
7.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA332
RGB	95, 163, 50
RGB Percent	37%, 64%, 20%
CMY	0.6275, 0.3608, 0.8039
CMYK	0.42, 0.00, 0.69, 0.36
HSL	96°, 53%, 42%
HSV	96°, 69%, 64%
XYZ	18.3922, 28.8576, 7.6183
YIQ	129.7860, -4.2550, -49.5590

Conversions

Conversions Part 2

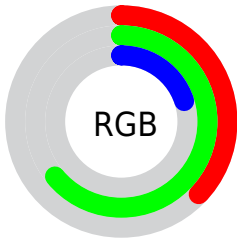
Format	Color
RYB	50, 163, 118
Decimal	6267698
CIELab	60.66, -41.21, 49.75
CIELCh	61, 64.603, 129.635
Yxy	28.8576, 0.3352, 0.5259
Android (android.graphics.Color)	4284457778 (0xFF5FA332)
YUV	129.7860, -39.3345, -30.5073
Hunter-Lab	53.7193, -32.8946, 29.1952

Details

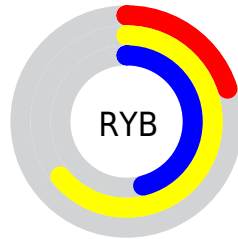
The XYZ color **18.3922, 28.8576, 7.6183** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.2242, 8.7781, 35.5440**, and the grayscale version is **21.2788, 22.3870, 24.3794**.

A 20% lighter version of the original color is **40.0474, 57.5861, 21.5749**, and **6.4838, 11.7809, 1.9322** is the 20% darker color. If you saturate the color by 10%, you get **17.1459, 28.2496, 6.0401**, and if you desaturate by 10%, it is **19.8935, 29.5843, 9.8632**.

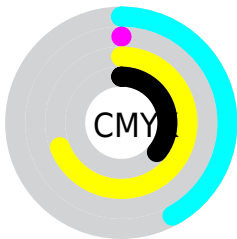
Distribution



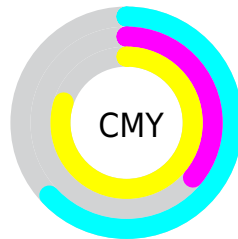
- Red (37%)
- Green (64%)
- Blue (20%)



- Red (20%)
- Yellow (64%)
- Blue (46%)



- Cyan (42%)
- Magenta (0%)
- Yellow (69%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3922, 28.8576, 7.6183 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 18.3922, 28.8576, 7.6183 by changing the saturation by 10% instead.

■ 18.3922, 28.8576,
7.6183

■ 18.3922, 28.8576,
7.6183

■ 236.0755,
296.5425, 182.5281

■ 11.3333, 18.9731,
3.7674

■ 40.2294, 57.8508,
21.7404

■ 6.3604, 11.6509,
1.4987

■ 55.7384, 77.7282,
32.8487

■ 3.1082, 6.5064,
0.2169

■ 74.7948, 101.7055,
47.2132

■ 1.2112, 3.1554,
0.0000

■ 97.7640, 130.1670,
65.2525

■ 0.1152, 1.2134,
0.0000

■ 125.0113,
163.4970, 87.3851

■ 0.0000, 0.0726,
0.0000

■ 156.9021,

■ 0.0000, 0.0000,

202.0800, 114.0295

0.0000

193.8017,
246.3004, 145.6043

■ 18.3922, 28.8576,
7.6183

■ 18.3922, 28.8576,
7.6183

■ 17.1459, 28.2496,
6.0401

■ 19.8935, 29.5843,
9.8632

■ 16.1337, 27.7486,
5.0527

■ 21.6641, 30.4331,
12.8361

■ 15.3218, 27.3415,
4.5015

■ 23.7196, 31.4118,
16.5934

■ 15.2716, 27.3163,
4.4677

■ 26.0737, 32.5261,
21.1855

■ 28.7389, 33.7817,
26.6586

■ 31.7271, 35.1837,
33.0554

■ 35.0495, 36.7370,
40.4159

■ 38.7167, 38.4462,
48.7777

■ 42.7390, 40.3159,
58.1766

Harmonies

Analogous

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



24.8226, 28.8576, 4.3695



18.3922, 28.8576, 7.6183



14.9411, 28.8576, 17.9596

Triad

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



18.3922, 28.8576, 7.6183



22.2019, 28.8576, 97.4362



46.5439, 28.8576, 24.3226

Complementary

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



18.3922, 28.8576, 7.6183



15.2242, 8.7781, 35.5440

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.



45.4449, 28.8576, 50.3373



18.3922, 28.8576, 7.6183



30.2103, 28.8576, 102.2554

Square

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



18.3922, 28.8576, 7.6183



16.8102, 28.8576, 70.9305



39.0244, 28.8576, 81.9390



41.7776, 28.8576, 10.2411

Rectangle

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



18.3922, 28.8576, 7.6183



14.2806, 28.8576, 31.1288



39.0244, 28.8576, 81.9390



46.8670, 28.8576, 31.7151

Sweetspot

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



18.3929, 28.8588, 7.6189



50.4339, 60.0118, 45.5832



22.1361, 20.9279, 5.8908



11.0412, 13.3437, 9.6462



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.



18.3929, 28.8588, 7.6189



29.7099, 50.0993, 9.7718



15.2639, 27.2141, 8.9062



7.2400, 8.0262, 7.5477



11.9168, 21.2538, 3.4743



0.3029, 0.4736, 0.0755

Inverse Universe

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



15.2242, 8.7781, 35.5440



23.5737, 11.7207, 63.0760



21.8890, 12.3257, 30.8041



7.0901, 7.0608, 8.8923



9.1126, 4.1042, 27.2417



0.2426, 0.1126, 0.5748

Previews

White Background



This preview shows how the XYZ color 18.3922, 28.8576, 7.6183 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 18.3922, 28.8576, 7.6183 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 18.3922, 28.8576, 7.6183

Background



This preview shows how black text looks on a background with the XYZ color 18.3922, 28.8576, 7.6183.



This preview shows how white text looks on a background with the XYZ color 18.3922, 28.8576,

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

18.3922, 28.8576, 7.6183

Protanopia

25.8568, 28.5338, 6.6274

Deuteranopia

28.9340, 28.3165, 8.0783



Tritanopia

24.7391, 28.6475, 39.3476

Trichromacy



Original Color

18.3922, 28.8576, 7.6183

Protanomaly

22.2226, 28.0650, 6.9352

Deuteranomaly

23.7252, 27.6370, 7.8254

Tritanomaly

21.4075, 28.2712, 23.0675

Monochromacy



Original Color

18.3922, 28.8576, 7.6183

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.3581, 24.0675, 15.9371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3922, 28.8576, 7.6183 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(95, 163, 50)` looks like.

```
.text, #text, p{  
    color:rgb(95, 163, 50)  
}
```

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(95, 163, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 163, 50) }
```

Border

The CSS property to change the border of an element to XYZ 18.3922, 28.8576, 7.6183 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(95, 163, 50) }
```


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

```
.border{ border-color:rgb(95, 163, 50) }
```

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

Here you see how a box with a 4 pixel rgb(95, 163, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 163, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 163, 50);  
box-shadow:4px 4px 4px 4px rgb(95, 163,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3922, 28.8576, 7.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 163, 50) }
```

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

```
.background{ background-color: rgb(95, 163,  
50) }
```

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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