

Converting Colors

XYZ(18.8183, 27.5470, 6.7081)

Have a look what the booklet for
XYZ(18.8183, 27.5470, 6.7081)
contains.

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Color

**XYZ(18.8183, 27.5470,
6.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9D2C
RGB	109, 157, 44
RGB Percent	43%, 62%, 17%
CMY	0.5725, 0.3843, 0.8274
CMYK	0.31, 0.00, 0.72, 0.38
HSL	85°, 56%, 39%
HSV	85°, 72%, 62%
XYZ	18.8183, 27.5470, 6.7081
YIQ	129.7660, 7.6650, -45.3190

Conversions

Conversions Part 2

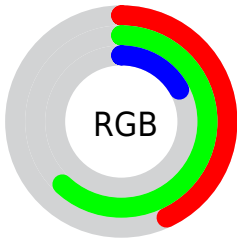
Format	Color
R_{YB}	44, 157, 92
Decimal	7183660
CIE Lab	59.48, -33.91, 51.14
CIE LCh	59, 61.366, 123.550
Yxy	27.5470, 0.3546, 0.5190
Android (android.graphics.Color)	4285373740 (0xFF6D9D2C)
YUV	129.7660, -42.2826, -18.2118
Hunter-Lab	52.4852, -27.8489, 29.1619

Details

The XYZ color **18.8183, 27.5470, 6.7081** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.4012, 6.5117, 32.5558**, and the grayscale version is **21.2789, 22.3870, 24.3795**.

A 20% lighter version of the original color is **41.0110, 55.8425, 19.9264**, and **6.6271, 10.9154, 1.7576** is the 20% darker color. If you saturate the color by 10%, you get **17.7878, 27.0445, 5.4003**, and if you desaturate by 10%, it is **20.0240, 28.1286, 8.6080**.

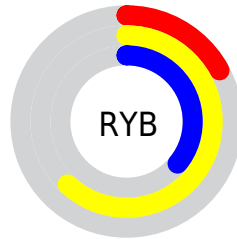
Distribution



Red (43%)

Green (62%)

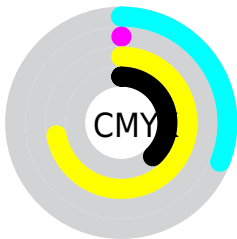
Blue (17%)



Red (17%)

Yellow (62%)

Blue (36%)

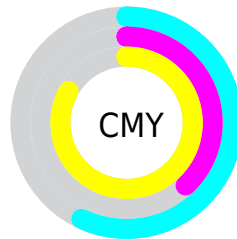


Cyan (31%)

Magenta (0%)

Yellow (72%)

Black (38%)



Cyan (57%)

Magenta (38%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8183, 27.5470, 6.7081 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 18.8183, 27.5470, 6.7081 by changing the saturation by 10% instead.

■ 18.8183, 27.5470,
6.7081

■ 18.8183, 27.5470,
6.7081

238.4012,
290.2959, 174.7536

■ 11.6423, 17.9845,
3.2046

■ 40.9461, 55.7604,
19.8863

■ 6.5711, 10.9388,
1.2000

■ 56.6286, 75.1800,
30.3980

■ 3.2392, 6.0257,
0.0000

■ 75.8773, 98.6542,
44.0829

■ 1.2815, 2.8607,
0.0000

■ 99.0575, 126.5672,
61.3595

■ 0.1693, 1.0595,
0.0000

■ 126.5347,
159.3035, 82.6463

■ 0.0000, 0.0000,
0.0000

■ 158.6741,

197.2474, 108.3619

195.8412,
240.7834, 138.9248

■ 18.8183, 27.5470,
6.7081

■ 18.8183, 27.5470,
6.7081

■ 17.7878, 27.0445,
5.4003

■ 20.0240, 28.1286,
8.6080

■ 16.9159, 26.6116,
4.6125

■ 21.4156, 28.7911,
11.1579

■ 16.3039, 26.3042,
4.2179

■ 23.0050, 29.5401,
14.4105

■ 24.8024, 30.3799,
18.4129

■ 26.8170, 31.3145,
23.2078

■ 29.0576, 32.3473,
28.8350

■ 31.5324, 33.4819,
35.3315

■ 34.2490, 34.7214,
42.7320

■ 37.2149, 36.0688,
51.0694

Harmonies

Analogous

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



25.2759, 27.5470, 4.4489



18.8183, 27.5470, 6.7081



15.0316, 27.5470, 14.7858

Triad

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



18.8183, 27.5470, 6.7081



20.1222, 27.5470, 86.2808



43.9288, 27.5470, 27.4428

Complementary

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



18.8183, 27.5470, 6.7081



11.4012, 6.5117, 32.5558

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.



41.8140, 27.5470, 53.1417



18.8183, 27.5470, 6.7081



27.1107, 27.5470, 95.4040

Square

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



18.8183, 27.5470, 6.7081



15.6742, 27.5470, 60.0868



35.2541, 27.5470, 81.0752



40.5731, 27.5470, 12.1241

Rectangle

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



18.8183, 27.5470, 6.7081



14.0474, 27.5470, 25.4753



35.2541, 27.5470, 81.0752



43.8366, 27.5470, 35.0178

Sweetspot

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



18.8189, 27.5482, 6.7087



47.8531, 55.9993, 41.1423



18.1085, 14.8473, 4.2946



10.3261, 12.2280, 8.5591



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.



18.8189, 27.5482, 6.7087



30.9343, 47.9764, 8.7640



14.0026, 25.0653, 6.4833



6.8977, 7.5799, 7.0852



13.2841, 21.3849, 3.4276



0.2853, 0.4070, 0.0635

Inverse Universe

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



11.4012, 6.5117, 32.5558



16.9314, 8.1057, 57.7989



19.1250, 10.4935, 32.9173



6.5385, 6.5661, 8.3294



6.8465, 2.9585, 26.1174



0.1697, 0.0773, 0.4692

Previews

White Background



This preview shows how the XYZ color 18.8183, 27.5470, 6.7081 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 18.8183, 27.5470, 6.7081 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 18.8183, 27.5470, 6.7081

Background



This preview shows how black text looks on a background with the XYZ color 18.8183, 27.5470, 6.7081.



This preview shows how white text looks on a background with the XYZ color 18.8183, 27.5470,

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

18.8183, 27.5470, 6.7081

Protanopia

24.7027, 27.2717, 5.9695

Deuteranopia

27.7841, 27.3212, 7.0580



Tritanopia

24.9175, 27.6211, 36.3659

Trichromacy



Original Color

18.8183, 27.5470, 6.7081

Protanomaly

21.9746, 27.0026, 6.1517

Deuteranomaly

23.6645, 26.9406, 6.8585

Tritanomaly

21.8852, 27.3395, 20.9532

Monochromacy



Original Color

18.8183, 27.5470, 6.7081

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.6563, 23.7946, 15.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8183, 27.5470, 6.7081 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(109, 157, 44)` looks like.

```
.text, #text, p{  
    color:rgb(109, 157, 44)  
}
```

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(109, 157, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 157, 44) }
```

Border

The CSS property to change the border of an element to XYZ 18.8183, 27.5470, 6.7081 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(109, 157, 44) }
```


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

```
.border{ border-color:rgb(109, 157, 44) }
```

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

Here you see how a box with a 4 pixel rgb(109, 157, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 157, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 157, 44);  
box-shadow:4px 4px 4px 4px rgb(109, 157,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8183, 27.5470, 6.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 157, 44) }
```

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

```
.background{ background-color: rgb(109,  
157, 44) }
```

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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