

Converting Colors

XYZ(17.9466, 25.9362, 6.9039)

Have a look what the booklet for
XYZ(17.9466, 25.9362, 6.9039)
contains.

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Color

**XYZ(17.8251, 25.7957,
6.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9830
RGB	107, 152, 48
RGB Percent	42%, 60%, 19%
CMY	0.5804, 0.4039, 0.8118
CMYK	0.30, 0.00, 0.68, 0.40
HSL	86°, 52%, 39%
HSV	86°, 68%, 60%
XYZ	17.8251, 25.7957, 6.8359
YIQ	126.6890, 6.5640, -41.8840

Conversions

Conversions Part 2

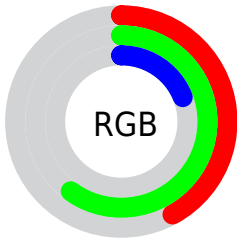
Format	Color
RYB	48, 152, 93
Decimal	7051312
CIELab	57.84, -32.09, 47.83
CIELCh	58, 57.593, 123.859
Yxy	25.7957, 0.3533, 0.5112
Android (android.graphics.Color)	4285241392 (0xFF6B9830)
YUV	126.6890, -38.7937, -17.2673
Hunter-Lab	50.7895, -26.2351, 27.5726

Details

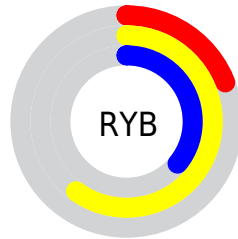
The XYZ color **17.8251, 25.7957, 6.8359** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.2399, 6.7089, 30.4099**, and the grayscale version is **20.1939, 21.2456, 23.1364**.

A 20% lighter version of the original color is **39.3110, 53.1228, 20.2384**, and **6.1750, 10.0916, 1.6224** is the 20% darker color. If you saturate the color by 10%, you get **16.8029, 25.2998, 5.4222**, and if you desaturate by 10%, it is **19.0163, 26.3679, 8.8198**.

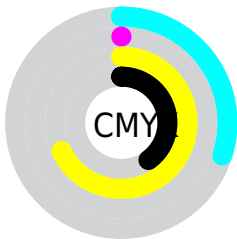
Distribution



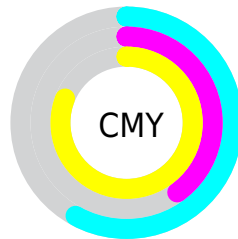
- Red (42%)
- Green (60%)
- Blue (19%)



- Red (19%)
- Yellow (60%)
- Blue (36%)



- Cyan (30%)
- Magenta (0%)
- Yellow (68%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8251, 25.7957, 6.8359 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 17.8251, 25.7957, 6.8359 by changing the saturation by 10% instead.

■ 17.8251, 25.7957,
6.8359

■ 17.8251, 25.7957,
6.8359

232.9481,
281.7777, 175.8720

■ 10.9234, 16.6709,
3.2828

■ 39.2715, 52.9452,
20.1495

■ 6.0823, 10.0001,
1.2408

■ 54.5469, 71.7386,
30.7471

■ 2.9363, 5.3990,
0.0125

■ 73.3443, 94.5237,
44.5300

■ 1.1202, 2.4832,
0.0000

■ 96.0290, 121.6848,
61.9167

■ 0.0419, 0.8682,
0.0000

■ 122.9664,
153.6064, 83.3256

■ 0.0000, 0.0000,
0.0000

■ 154.5218,

190.6728, 109.1755

191.0606,
233.2685, 139.8848

■ 17.8251, 25.7957,
6.8359

■ 17.8251, 25.7957,
6.8359

■ 16.8029, 25.2998,
5.4222

■ 19.0163, 26.3679,
8.8198

■ 15.9349, 24.8715,
4.5162

■ 20.3857, 27.0177,
11.4244

■ 15.1974, 24.5020,
3.9974

■ 21.9441, 27.7502,
14.6966

■ 15.0875, 24.4469,
3.9235

■ 23.7006, 28.5694,
18.6783

■ 25.6636, 29.4787,
23.4079

■ 27.8411, 30.4815,
28.9211

■ 30.2405, 31.5808,
35.2513

■ 32.8689, 32.7796,
42.4300

■ 35.7330, 34.0808,
50.4870

Harmonies

Analogous

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



23.6331, 25.7957, 4.6389



17.8251, 25.7957, 6.8359



14.4057, 25.7957, 14.4183

Triad

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



17.8251, 25.7957, 6.8359



19.1093, 25.7957, 78.0823



40.3389, 25.7957, 25.5988

Complementary

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



17.8251, 25.7957, 6.8359



11.2399, 6.7089, 30.4099

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.



38.5120, 25.7957, 48.4498



17.8251, 25.7957, 6.8359



25.4248, 25.7957, 85.8648

Square

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



17.8251, 25.7957, 6.8359



15.0434, 25.7957, 55.1266



32.7062, 25.7957, 73.1189



37.3141, 25.7957, 11.7529

Rectangle

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



17.8251, 25.7957, 6.8359



13.5230, 25.7957, 24.2039



32.7062, 25.7957, 73.1189



40.2745, 25.7957, 32.3649

Sweetspot

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



17.8257, 25.7968, 6.8365



44.2218, 51.5335, 38.6779



17.2531, 14.4291, 4.6724



9.8508, 11.6202, 8.3065



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.8257, 25.7968, 6.8365



28.8318, 44.2486, 8.6382



13.4310, 23.5313, 6.6308



6.4506, 7.0897, 6.6343



12.6858, 20.5157, 3.2913



0.2313, 0.3282, 0.0512

Inverse Universe

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



11.2399, 6.7089, 30.4099



16.4425, 8.2281, 53.1552



18.1110, 10.2511, 30.7314



6.1253, 6.1505, 7.7933



6.6576, 2.8832, 25.1133



0.1401, 0.0640, 0.3773

Previews

White Background



This preview shows how the XYZ color 17.8251, 25.7957, 6.8359 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 17.8251, 25.7957, 6.8359 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 17.8251, 25.7957, 6.8359

Background



This preview shows how black text looks on a background with the XYZ color 17.8251, 25.7957, 6.8359.



This preview shows how white text looks on a background with the XYZ color 17.8251, 25.7957,

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

17.8251, 25.7957, 6.8359

Protanopia

23.2048, 25.6156, 6.1042

Deuteranopia

25.9541, 25.5490, 7.1780



Tritanopia

23.3079, 25.7109, 33.8712

Trichromacy



Original Color

17.8251, 25.7957, 6.8359

Protanomaly

20.9281, 25.5393, 6.3092

Deuteranomaly

22.0652, 25.0091, 6.9131

Tritanomaly

20.5759, 25.5086, 20.0588

Monochromacy



Original Color

17.8251, 25.7957, 6.8359

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.7545, 22.4832, 14.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8251, 25.7957, 6.8359 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(107, 152, 48)` looks like.

```
.text, #text, p{  
    color:rgb(107, 152, 48)  
}
```

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(107, 152, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 152, 48) }
```

Border

The CSS property to change the border of an element to XYZ 17.8251, 25.7957, 6.8359 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(107, 152, 48) }
```


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

```
.border{ border-color:rgb(107, 152, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 152, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 152, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 152, 48);  
box-shadow:4px 4px 4px 4px rgb(107, 152,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8251, 25.7957, 6.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 152, 48) }
```

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

```
.background{ background-color: rgb(107,  
152, 48) }
```

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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