

Converting Colors

XYZ(17.0678, 23.6004, 6.2112)

Have a look what the booklet for
XYZ(17.0678, 23.6004, 6.2112)
contains.

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Color

**XYZ(17.0219, 23.5233,
6.2281)**

Conversions

Conversions Part 1

Format	Color
Hex	6F902E
RGB	111, 144, 46
RGB Percent	44%, 56%, 18%
CMY	0.5647, 0.4353, 0.8196
CMYK	0.23, 0.00, 0.68, 0.44
HSL	80°, 52%, 37%
HSV	80°, 68%, 56%
XYZ	17.0219, 23.5233, 6.2281
YIQ	122.9610, 11.7900, -37.4740

Conversions

Conversions Part 2

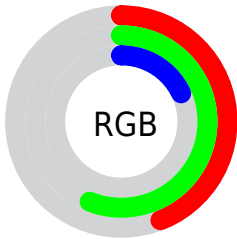
Format	Color
RYB	46, 144, 79
Decimal	7311406
CIELab	55.61, -26.82, 46.40
CIELCh	56, 53.594, 120.027
Yxy	23.5233, 0.3639, 0.5029
Android (android.graphics.Color)	4285501486 (0xFF6F902E)
YUV	122.9610, -37.9418, -10.4898
Hunter-Lab	48.5008, -22.2299, 26.3370

Details

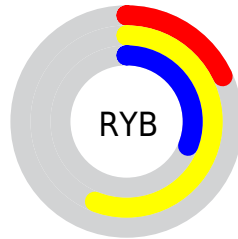
The XYZ color **17.0219, 23.5233, 6.2281** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.2366, 5.6306, 26.9870**, and the grayscale version is **18.9329, 19.9189, 21.6917**.

A 20% lighter version of the original color is **37.8688, 49.2506, 18.8197**, and **5.7180, 8.7585, 1.3892** is the 20% darker color. If you saturate the color by 10%, you get **16.1908, 23.1231, 4.9482**, and if you desaturate by 10%, it is **17.9825, 23.9808, 8.0121**.

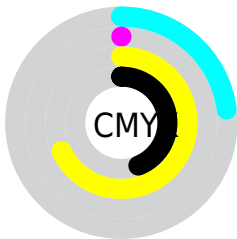
Distribution



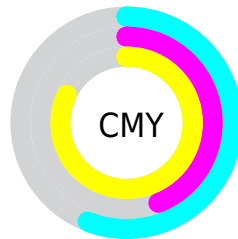
- Red (44%)
- Green (56%)
- Blue (18%)



- Red (18%)
- Yellow (56%)
- Blue (31%)



- Cyan (23%)
- Magenta (0%)
- Yellow (68%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0219, 23.5233, 6.2281 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 17.0219, 23.5233, 6.2281 by changing the saturation by 10% instead.

■ 17.0219, 23.5233,
6.2281

■ 17.0219, 23.5233,
6.2281

228.4523,
270.4015, 170.4661

■ 10.3455, 14.9804,
2.9132

■ 37.9067, 49.2512,
18.8883

■ 5.6927, 8.8056,
1.0505

■ 52.8459, 67.2049,
29.0708

■ 2.6980, 4.6146,
0.0000

■ 71.2700, 89.0644,
42.3795

■ 0.9961, 2.0230,
0.0000

■ 93.5444, 115.2140,
59.2330

■ 0.0000, 0.6208,
0.0000

■ 120.0345,
146.0381, 80.0499

■ 0.0000, 0.0000,
0.0000

■ 151.1056,

181.9211, 105.2487

187.1231,
223.2475, 135.2479

■ 17.0219, 23.5233,
6.2281

■ 17.0219, 23.5233,
6.2281

■ 16.1908, 23.1231,
4.9482

■ 17.9825, 23.9808,
8.0121

■ 15.4770, 22.7727,
4.1185

■ 19.0801, 24.4961,
10.3441

■ 14.8605, 22.4650,
3.6334

■ 20.3233, 25.0737,
13.2648

■ 14.7459, 22.4077,
3.5479

■ 21.7196, 25.7164,
16.8108

■ 23.2757, 26.4272,
21.0154

■ 24.9982, 27.2086,
25.9099

■ 26.8928, 28.0631,
31.5233

■ 28.9654, 28.9929,
37.8832

■ 31.2213, 30.0003,
45.0157

Harmonies

Analogous

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



22.3528, 23.5233, 4.6419



17.0219, 23.5233, 6.2281



13.7106, 23.5233, 12.3014

Triad

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



17.0219, 23.5233, 6.2281



17.0297, 23.5233, 66.7342



36.1442, 23.5233, 25.5974

Complementary

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



17.0219, 23.5233, 6.2281



9.2366, 5.6306, 26.9870

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.



34.0408, 23.5233, 46.1523



17.0219, 23.5233, 6.2281



22.3636, 23.5233, 75.5424

Square

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



17.0219, 23.5233, 6.2281



13.7145, 23.5233, 46.1920



28.7073, 23.5233, 66.7049



34.0337, 23.5233, 12.2850

Rectangle

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



17.0219, 23.5233, 6.2281



12.7373, 23.5233, 20.2595



28.7073, 23.5233, 66.7049



35.9023, 23.5233, 31.8349

Sweetspot

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



17.0225, 23.5243, 6.2286



40.3781, 46.3026, 35.2094



14.7677, 11.6714, 4.0596



9.0988, 10.5448, 7.6365



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.0225, 23.5243, 6.2286



27.8226, 40.4233, 7.8124



12.4748, 21.1800, 6.0158



5.6655, 6.1957, 5.7867



12.8659, 19.5252, 3.0906



0.1465, 0.1988, 0.0307

Inverse Universe

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



9.2366, 5.6306, 26.9870



13.1754, 6.5949, 47.1165



14.8640, 8.5317, 27.2504



5.2901, 5.3377, 6.7802



5.4888, 2.3232, 23.1362



0.0742, 0.0334, 0.2222

Previews

White Background



This preview shows how the XYZ color 17.0219, 23.5233, 6.2281 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 17.0219, 23.5233, 6.2281 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 17.0219, 23.5233, 6.2281

Background



This preview shows how black text looks on a background with the XYZ color 17.0219, 23.5233, 6.2281.



This preview shows how white text looks on a background with the XYZ color 17.0219, 23.5233,

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

17.0219, 23.5233, 6.2281

Protanopia

21.2180, 23.3390, 5.6721

Deuteranopia

23.5977, 23.1690, 6.4771



Tritanopia

21.9432, 23.5832, 30.1836

Trichromacy



Original Color

17.0219, 23.5233, 6.2281

Protanomaly

19.3920, 23.2241, 5.8435

Deuteranomaly

20.6403, 23.0251, 6.3740

Tritanomaly

19.4565, 23.2030, 17.9212

Monochromacy



Original Color

17.0219, 23.5233, 6.2281

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.7896, 20.9808, 13.9386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0219, 23.5233, 6.2281 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(111, 144, 46)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 46)  
}
```

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(111, 144, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 46) }
```

Border

The CSS property to change the border of an element to XYZ 17.0219, 23.5233, 6.2281 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(111, 144, 46) }
```


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

```
.border{ border-color:rgb(111, 144, 46) }
```

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

Here you see how a box with a 4 pixel rgb(111, 144, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 46);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0219, 23.5233, 6.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 46) }
```

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

```
.background{ background-color: rgb(111,  
144, 46) }
```

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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