

Converting Colors

XYZ(10.9267, 6.1401, 17.9145)

Have a look what the booklet for
XYZ(10.9267, 6.1401, 17.9145)
contains.

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Color

**XYZ(11.0010, 6.1788,
18.0656)**

Conversions

Conversions Part 1

Format	Color
Hex	732377
RGB	115, 35, 119
RGB Percent	45%, 14%, 47%
CMY	0.5490, 0.8627, 0.5333
CMYK	0.03, 0.71, 0.00, 0.53
HSL	297°, 55%, 30%
HSV	297°, 71%, 47%
XYZ	11.0010, 6.1788, 18.0656
YIQ	68.4960, 20.7160, 43.0840

Conversions

Conversions Part 2

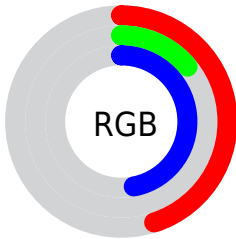
Format	Color
R_{YB}	115, 35, 119
Decimal	7545719
CIE _{Lab}	29.86, 46.00, -30.83
CIE _{LCh}	30, 55.377, 326.168
Yxy	6.1788, 0.3121, 0.1753
Android (android.graphics.Color)	4285735799 (0xFF732377)
YUV	68.4960, 24.8985, 40.7840
Hunter-Lab	24.8572, 35.4983, -25.6905

Details

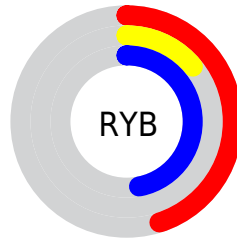
The XYZ color **11.0010, 6.1788, 18.0656** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.7371, 13.7465, 3.8360**, and the grayscale version is **5.5335, 5.8216, 6.3398**.

A 20% lighter version of the original color is **27.2168, 18.2300, 41.1140**, and **3.1554, 1.4990, 5.9174** is the 20% darker color. If you saturate the color by 10%, you get **10.6343, 5.5554, 17.9647**, and if you desaturate by 10%, it is **11.4875, 7.0407, 18.2064**.

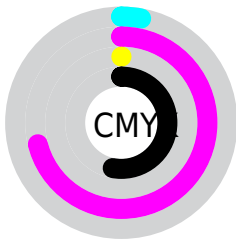
Distribution



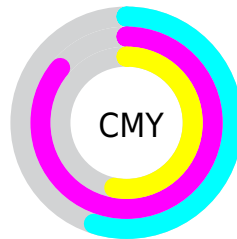
- Red (45%)
- Green (14%)
- Blue (47%)



- Red (45%)
- Yellow (14%)
- Blue (47%)



- Cyan (3%)
- Magenta (71%)
- Yellow (0%)
- Black (53%)





- Cyan (55%)
- Magenta (86%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0010, 6.1788, 18.0656 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 11.0010, 6.1788, 18.0656 by changing the saturation by 10% instead.


 11.0010, 6.1788,
18.0656


 11.0010, 6.1788,
18.0656


191.5826,
160.6544, 253.4891


 6.1348, 2.9541,
10.8272


 27.2950, 18.3010,
40.9645


 2.9687, 1.1078,
5.8380

 39.4534, 27.9673,
57.4621


 1.1372, 0.0000,
2.6797

 54.7734, 40.5495,
77.8831

 0.0559, 0.0000,
0.9332

 73.6201, 56.4322,
102.6461

 0.0000, 0.0000,
0.0000

 96.3591, 75.9996,
132.1697

 123.3556, 99.6362,

166.8724

154.9749,
127.7263, 207.1726

■ 11.0010, 6.1788,
18.0656

■ 11.0010, 6.1788,
18.0656

■ 10.6343, 5.5554,
17.9647

■ 11.4875, 7.0407,
18.2064

■ 10.3740, 5.1445,
17.8991

■ 12.1040, 8.1619,
18.3903

■ 10.1829, 4.8648,
17.8552

■ 12.8602, 9.5620,
18.6207

■ 13.7649, 11.2584,
18.9005

■ 14.8261, 13.2672,
19.2323

■ 16.0513, 15.6031,
19.6186

■ 17.4473, 18.2801,
20.0617

■ 19.0208, 21.3113,
20.5639

■ 20.7780, 24.7092,
21.1271

Harmonies

Analogous

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



8.3295, 6.1788, 29.0605



11.0010, 6.1788, 18.0656



12.3024, 6.1788, 7.7172

Triad

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



11.0010, 6.1788, 18.0656



6.2088, 6.1788, 0.0000



2.4634, 6.1788, 15.0855

Complementary

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



11.0010, 6.1788, 18.0656



7.7371, 13.7465, 3.8360

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.



2.1963, 6.1788, 5.8266



11.0010, 6.1788, 18.0656



3.9539, 6.1788, 0.1244

Square

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



11.0010, 6.1788, 18.0656



9.0717, 6.1788, 0.3832



2.6528, 6.1788, 1.5275



3.5311, 6.1788, 26.6264

Rectangle

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



11.0010, 6.1788, 18.0656



12.0033, 6.1788, 3.5092



2.6528, 6.1788, 1.5275



2.2933, 6.1788, 11.4815

Sweetspot

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



11.0012, 6.1791, 18.0657



26.3567, 23.3918, 34.3790



4.7553, 3.1538, 17.8110



6.1427, 5.3471, 8.1150



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.0012, 6.1791, 18.0657



18.7166, 9.4246, 32.0857



9.7017, 5.7214, 8.4173



3.8102, 3.7495, 4.6131



10.8164, 5.1674, 18.9699



52.4995, 25.0730, 92.4328

Inverse Universe

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



8.5752, 5.2708, 2.4852



14.1660, 7.7410, 1.9511



8.4862, 14.0295, 8.5297



3.6904, 3.7034, 3.8962



8.1147, 4.1796, 0.5464



39.4543, 20.3318, 2.1896

Previews

White Background



This preview shows how the XYZ color 11.0010, 6.1788, 18.0656 looks on a white background.

Color Contrast Check

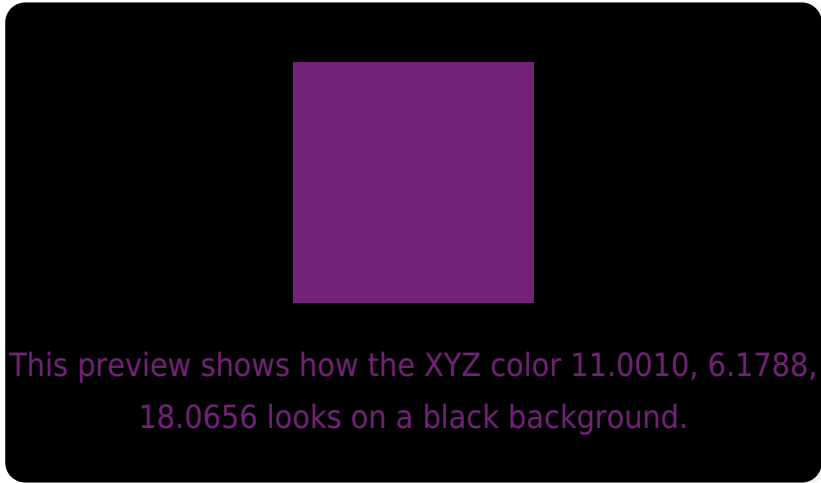
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

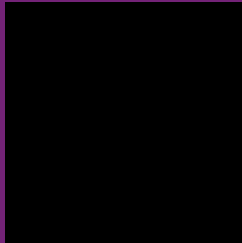
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0010, 6.1788, 18.0656

Background



This preview shows how black text looks on a background with the XYZ color 11.0010, 6.1788, 18.0656.



This preview shows how white text looks on a background with the XYZ color 11.0010, 6.1788,

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

11.0010, 6.1788, 18.0656

Protanopia

7.3946, 6.3628, 28.4422

Deuteranopia

6.5169, 6.4554, 16.5253



Tritanopia

8.3399, 6.2363, 4.9018

Trichromacy



Original Color

11.0010, 6.1788, 18.0656

Protanomaly

6.9333, 5.2246, 24.3099

Deuteranomaly

7.3310, 5.7435, 16.9419

Tritanomaly

9.0977, 6.0875, 8.4801

Monochromacy



Original Color

11.0010, 6.1788, 18.0656

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

6.8808, 5.4478, 9.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0010, 6.1788, 18.0656 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(115, 35, 119)` looks like.

```
.text, #text, p{  
    color:rgb(115, 35, 119)  
}
```

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(115, 35, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 35, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.0010, 6.1788, 18.0656 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(115, 35, 119) }
```


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

```
.border{ border-color:rgb(115, 35, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 35, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 35, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 35, 119);  
box-shadow:4px 4px 4px 4px rgb(115, 35,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0010, 6.1788, 18.0656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 35, 119) }
```

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

```
.background{ background-color: rgb(115, 35,  
119) }
```

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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