

Converting Colors

XYZ(11.6280, 15.2687, 27.8493)

Have a look what the booklet for
XYZ(11.6280, 15.2687, 27.8493)
contains.

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Color

**XYZ(11.6173, 15.2178,
27.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	0B778E
RGB	11, 119, 142
RGB Percent	4%, 47%, 56%
CMY	0.9568, 0.5333, 0.4431
CMYK	0.92, 0.16, 0.00, 0.44
HSL	191°, 86%, 30%
HSV	191°, 92%, 56%
XYZ	11.6173, 15.2178, 27.9162
YIQ	89.3300, -71.7510, -15.7430

Conversions

Conversions Part 2

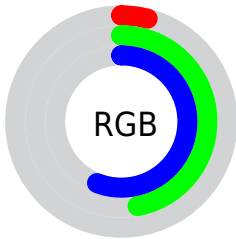
Format	Color
R _Y B	11, 70, 142
Decimal	751502
CIE Lab	45.93, -18.81, -20.28
CIE LCh	46, 27.657, 227.156
Yxy	15.2178, 0.2122, 0.2779
Android (android.graphics.Color)	4278941582 (0xFF0B778E)
YUV	89.3300, 25.9663, -68.6954
Hunter-Lab	39.0100, -15.1096, -15.1219

Details

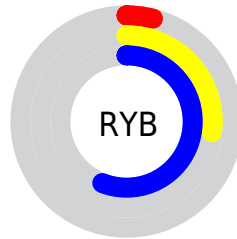
The XYZ color **11.6173, 15.2178, 27.9162** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **11.7884, 6.9200, 1.0315**, and the grayscale version is **9.5255, 10.0216, 10.9135**.

A 20% lighter version of the original color is **28.3645, 35.0898, 57.5026**, and **4.1219, 5.1530, 10.9026** is the 20% darker color. If you saturate the color by 10%, you get **11.2517, 14.6913, 27.8341**, and if you desaturate by 10%, it is **12.1865, 15.9578, 28.0293**.

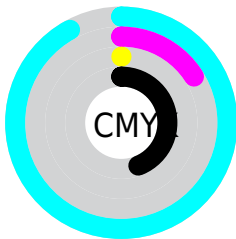
Distribution



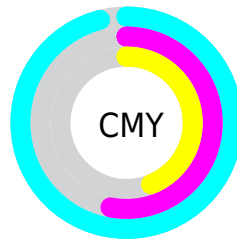
- Red (4%)
- Green (47%)
- Blue (56%)



- Red (4%)
- Yellow (27%)
- Blue (56%)



- Cyan (92%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6173, 15.2178, 27.9162 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 11.6173, 15.2178, 27.9162 by changing the saturation by 10% instead.

■ 11.6173, 15.2178,
27.9162

■ 11.6173, 15.2178,
27.9162

■ 195.6771,
224.6807, 305.9656

■ 6.5540, 8.9724,
18.0240

■ 28.4191, 35.2348,
57.3721

■ 3.2286, 4.7232,
10.7976

■ 40.8883, 49.7752,
77.7729

■ 1.2758, 2.0858,
5.8185

■ 56.5568, 67.8494,
102.5137

■ 0.1650, 0.6566,
2.6680

■ 75.7901, 89.8417,
132.0129

■ 0.0000, 0.0000,
0.9273

■ 98.9534, 116.1366,
166.6892

■ 0.0000, 0.0000,
0.0000

■ 126.4121,

147.1185, 206.9610

158.5315,
183.1718, 253.2470

■ 11.6173, 15.2178,
27.9162

■ 11.6173, 15.2178,
27.9162

■ 11.2517, 14.6913,
27.8341

■ 12.1865, 15.9578,
28.0293

■ 12.9413, 16.8049,
28.1531

■ 13.9060, 17.7720,
28.2889

■ 15.1007, 18.8694,
28.4377

■ 16.5431, 20.1064,
28.6005

■ 18.2491, 21.4913,
28.7779

■ 20.2334, 23.0317,
28.9706

■ 22.5094, 24.7346,
29.1793

■ 25.0897, 26.6066,
29.4047

Harmonies

Analogous

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



10.5796, 15.2178, 20.6651



11.6173, 15.2178, 27.9162



13.4875, 15.2178, 32.5597

Triad

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



11.6173, 15.2178, 27.9162



19.3049, 15.2178, 19.5997



13.1781, 15.2178, 7.0607

Complementary

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



11.6173, 15.2178, 27.9162



11.7884, 6.9200, 1.0315

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.



15.4866, 15.2178, 6.9197



11.6173, 15.2178, 27.9162



19.1990, 15.2178, 13.0545

Square

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



11.6173, 15.2178, 27.9162



18.0171, 15.2178, 26.9575



17.7416, 15.2178, 8.8086



11.4118, 15.2178, 9.2659

Rectangle

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



11.6173, 15.2178, 27.9162



15.0314, 15.2178, 32.9090



17.7416, 15.2178, 8.8086



13.9112, 15.2178, 6.7965

Sweetspot

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



11.6178, 15.2183, 27.9166



33.4027, 38.8591, 50.8679



10.0837, 19.5264, 4.6652



7.1756, 8.4550, 11.3332



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.6178, 15.2183, 27.9166



19.7348, 25.6939, 49.0472



6.3717, 4.7262, 26.1679



5.4808, 5.9575, 6.8898



10.1141, 13.2141, 24.9946



0.1104, 0.1537, 0.2435

Inverse Universe

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



14.6052, 7.3225, 18.0969



25.2869, 12.3872, 30.4908



15.6155, 14.5741, 2.3072



5.5862, 5.4950, 6.5848



12.9082, 6.3203, 15.6999



0.1303, 0.0632, 0.1864

Previews

White Background



This preview shows how the XYZ color 11.6173, 15.2178, 27.9162 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 × Fail

Black Background



This preview shows how the XYZ color 11.6173, 15.2178, 27.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

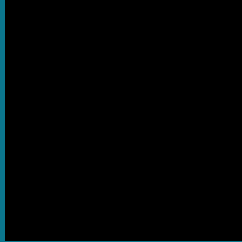
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6173, 15.2178, 27.9162

Background



This preview shows how black text looks on a background with the XYZ color 11.6173, 15.2178, 27.9162.

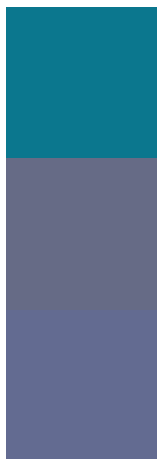


This preview shows how white text looks on a background with the XYZ color 11.6173, 15.2178,

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

11.6173, 15.2178, 27.9162

Protanopia

15.0403, 15.0614, 24.6687

Deuteranopia

15.5141, 15.2124, 28.9067



Tritanopia

10.7457, 15.0446, 23.4566

Trichromacy



Original Color

11.6173, 15.2178, 27.9162

Protanomaly

12.6540, 14.4402, 25.7872

Deuteranomaly

13.0332, 14.5758, 28.5120

Tritanomaly

11.0696, 15.1800, 24.9009

Monochromacy



Original Color

11.6173, 15.2178, 27.9162

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.1884, 11.1892, 15.8628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6173, 15.2178, 27.9162 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(11, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(11, 119, 142)  
}
```

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(11, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 119, 142) }
```

Border

The CSS property to change the border of an element to XYZ 11.6173, 15.2178, 27.9162 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(11, 119, 142) }
```


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

```
.border{ border-color:rgb(11, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(11, 119,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6173, 15.2178, 27.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 119, 142) }
```

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

```
.background{ background-color: rgb(11, 119,  
142) }
```

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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