

Converting Colors

XYZ(11.5377, 15.1670, 28.2267)

Have a look what the booklet for
XYZ(11.5377, 15.1670, 28.2267)
contains.

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Color

**XYZ(11.5548, 15.1768,
28.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	00778F
RGB	0, 119, 143
RGB Percent	0%, 47%, 56%
CMY	0.9999, 0.5333, 0.4392
CMYK	1.00, 0.17, 0.00, 0.44
HSL	190°, 100%, 28%
HSV	190°, 100%, 56%
XYZ	11.5548, 15.1768, 28.3070
YIQ	86.1550, -78.6280, -17.7640

Conversions

Conversions Part 2

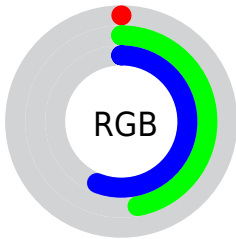
Format	Color
RYB	0, 65, 143
Decimal	30607
CIELab	45.88, -19.01, -20.96
CIELCh	46, 28.302, 227.795
Yxy	15.1768, 0.2099, 0.2757
Android (android.graphics.Color)	4278220687 (0xFF00778F)
YUV	86.1550, 28.0246, -75.5579
Hunter-Lab	38.9574, -15.2322, -15.8108

Details

The XYZ color **11.5548, 15.1768, 28.3070** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **11.6552, 6.4941, 0.6400**, and the grayscale version is **8.8345, 9.2945, 10.1218**.

A 20% lighter version of the original color is **28.2082, 34.9960, 58.0915**, and **4.1659, 5.1706, 11.1344** is the 20% darker color. If you saturate the color by 10%, you get **11.5544, 15.1761, 28.3072**, and if you desaturate by 10%, it is **12.0305, 15.8518, 28.4125**.

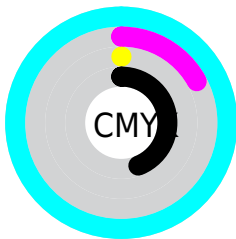
Distribution



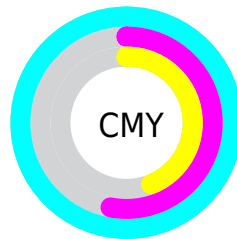
- Red (0%)
- Green (47%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5548, 15.1768, 28.3070 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 11.5548, 15.1768, 28.3070 by changing the saturation by 10% instead.

■ 11.5548, 15.1768,
28.3070

■ 11.5548, 15.1768,
28.3070

■ 195.2660,
224.4339, 307.8889

■ 6.5113, 8.9436,
18.3162

■ 28.3056, 35.1630,
58.0032

■ 3.2020, 4.7044,
11.0054

■ 40.7436, 49.6848,
78.5456

■ 1.2615, 2.0749,
5.9563

■ 56.3772, 67.7383,
103.4423

■ 0.1541, 0.6504,
2.7501

■ 75.5717, 89.7077,
133.1119

■ 0.0000, 0.0000,
0.9685

■ 98.6924, 115.9776,
167.9727

■ 0.0000, 0.0000,
0.0000

■ 126.1048,

146.9324, 208.4435

158.1742,
182.9563, 254.9427

■ 11.5548, 15.1768,
28.3070

■ 11.5548, 15.1768,
28.3070

■ 11.5544, 15.1761,
28.3072

■ 12.0305, 15.8518,
28.4125

■ 12.6371, 16.6048,
28.5259

■ 13.4380, 17.4688,
28.6504

■ 14.4564, 18.4559,
28.7873

■ 15.7122, 19.5763,
28.9374

■ 17.2228, 20.8393,
29.1015

■ 19.0043, 22.2530,
29.2805

■ 21.0711, 23.8251,
29.4750

■ 23.4367, 25.5625,
29.6857

Harmonies

Analogous

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



10.4795, 15.1768, 20.8790



11.5548, 15.1768, 28.3070



13.4759, 15.1768, 33.0007

Triad

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



11.5548, 15.1768, 28.3070



19.3952, 15.1768, 19.4642



13.0667, 15.1768, 6.8992

Complementary

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



11.5548, 15.1768, 28.3070



11.6552, 6.4941, 0.6400

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.



15.4179, 15.1768, 6.7154



11.5548, 15.1768, 28.3070



19.2543, 15.1768, 12.8227

Square

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



11.5548, 15.1768, 28.3070



18.1012, 15.1768, 27.0283



17.7352, 15.1768, 8.5719



11.2838, 15.1768, 9.1708

Rectangle

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



11.5548, 15.1768, 28.3070



15.0569, 15.1768, 33.2802



17.7352, 15.1768, 8.5719



13.8112, 15.1768, 6.6195

Sweetspot

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



11.5553, 15.1773, 28.3074



33.8096, 39.6774, 52.4146



9.9863, 19.7107, 4.1346



7.4661, 8.8735, 11.9915



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.



11.5553, 15.1773, 28.3074



20.5841, 26.9619, 50.6573



6.0025, 4.0716, 26.4564



5.4843, 5.9644, 6.8910



10.2292, 13.4445, 25.0330



0.1110, 0.1550, 0.2437

Inverse Universe

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



14.6580, 7.1722, 18.0650



26.1944, 12.8212, 32.0618



15.4511, 14.0861, 1.9053



5.5879, 5.4957, 6.5940



12.9664, 6.3436, 16.0060



0.1306, 0.0633, 0.1881

Previews

White Background



This preview shows how the XYZ color 11.5548, 15.1768, 28.3070 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 11.5548, 15.1768, 28.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

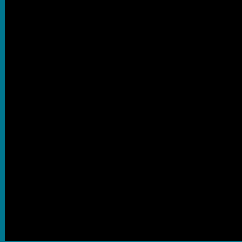
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5548, 15.1768, 28.3070

Background



This preview shows how black text looks on a background with the XYZ color 11.5548, 15.1768, 28.3070.



This preview shows how white text looks on a background with the XYZ color 11.5548, 15.1768,

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

11.5548, 15.1768, 28.3070

Protanopia

15.1104, 15.0894, 25.0378

Deuteranopia

15.4830, 15.1874, 29.3095

Trichromacy



Original Color

11.5548, 15.1768, 28.3070

Protanomaly

12.4519, 14.3277, 26.1540

Deuteranomaly

12.7819, 14.4373, 28.9011

Monochromacy



Original Color

11.5548, 15.1768, 28.3070

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.5971, 10.6091, 15.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5548, 15.1768, 28.3070 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(0, 119, 143)` looks like.

```
.text, #text, p{  
  color:rgb(0, 119, 143)  
}
```

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(0, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 143) }
```

Border

The CSS property to change the border of an element to XYZ 11.5548, 15.1768, 28.3070 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(0, 119, 143) }
```

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

```
.border{ border-color:rgb(0, 119, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
143) }
```


Background

The CSS property to change the background color of an element to XYZ 11.5548, 15.1768, 28.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 143) }
```

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

```
.background{ background-color: rgb(0, 119,  
143) }
```

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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