

Converting Colors

XYZ(11.6379, 15.1546, 15.4049)

Have a look what the booklet for
XYZ(11.6379, 15.1546, 15.4049)
contains.

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Color

**XYZ(11.6076, 15.1385,
15.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	497568
RGB	73, 117, 104
RGB Percent	29%, 46%, 41%
CMY	0.7137, 0.5412, 0.5922
CMYK	0.38, 0.00, 0.11, 0.54
HSL	162°, 23%, 37%
HSV	162°, 38%, 46%
XYZ	11.6076, 15.1385, 15.4069
YIQ	102.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

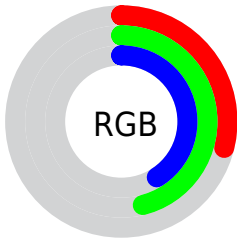
Format	Color
RYB	73, 99, 117
Decimal	4814184
CIELab	45.82, -18.41, 2.37
CIELCh	46, 18.564, 172.657
Yxy	15.1385, 0.2754, 0.3591
Android (android.graphics.Color)	4283004264 (0xFF497568)
YUV	102.3620, 0.8075, -25.7505
Hunter-Lab	38.9082, -14.8370, 3.7581

Details

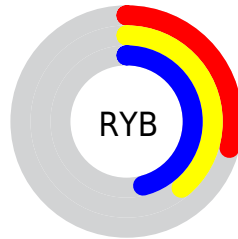
The XYZ color **11.6076, 15.1385, 15.4069** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.3989, 9.2192, 9.9834**, and the grayscale version is **12.7265, 13.3892, 14.5809**.

A 20% lighter version of the original color is **28.2727, 34.9534, 36.2669**, and **3.2065, 4.6363, 4.5968** is the 20% darker color. If you saturate the color by 10%, you get **10.6313, 14.6554, 14.4635**, and if you desaturate by 10%, it is **12.7588, 15.7117, 16.3968**.

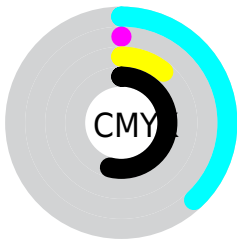
Distribution



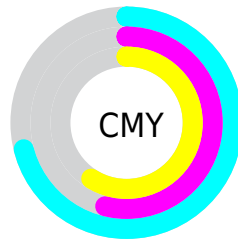
- Red (29%)
- Green (46%)
- Blue (41%)



- Red (29%)
- Yellow (39%)
- Blue (46%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (54%)



- Cyan (71%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6076, 15.1385, 15.4069 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 11.6076, 15.1385, 15.4069 by changing the saturation by 10% instead.

■ 11.6076, 15.1385,
15.4069

■ 11.6076, 15.1385,
15.4069

195.6133,
224.2030, 237.5411

■ 6.5474, 8.9166,
8.9557

■ 28.4015, 35.0960,
36.3178

■ 3.2245, 4.6869,
4.6159

■ 40.8658, 49.6004,
51.6145

■ 1.2736, 2.0647,
1.9689

■ 56.5290, 67.6344,
70.6968

■ 0.1633, 0.6447,
0.5361

■ 75.7562, 89.5825,
93.9833

■ 0.0000, 0.0000,
0.0000

■ 98.9129, 115.8290,
121.8924

126.3644,

146.7583, 154.8427

158.4761,
182.7548, 193.2527

■ 11.6076, 15.1385,
15.4069

■ 11.6076, 15.1385,
15.4069

■ 10.6313, 14.6554,
14.4635

■ 12.7588, 15.7117,
16.3968

■ 9.8190, 14.2558,
13.5645

■ 14.0924, 16.3776,
17.4329

■ 9.1610, 13.9348,
12.7095

■ 15.6168, 17.1410,
18.5164

■ 8.6455, 13.6865,
11.8974

■ 17.3397, 18.0060,
19.6481

■ 8.2592, 13.5040,
11.1271

■ 19.2684, 18.9761,
20.8287

■ 7.9679, 13.3697,
10.3965

■ 21.4097, 20.0550,
22.0590

■ 7.9010, 13.3389,
10.2270

■ 23.7700, 21.2459,
23.3396

■ 26.3557, 22.5520,
24.6713

■ 29.1726, 23.9765,
26.0547

Harmonies

Analogous

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



12.1280, 15.1385, 11.7918



11.6076, 15.1385, 15.4069



11.7883, 15.1385, 20.0283

Triad

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



11.6076, 15.1385, 15.4069



15.5784, 15.1385, 25.7763



16.2909, 15.1385, 10.5408

Complementary

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



11.6076, 15.1385, 15.4069



11.3989, 9.2192, 9.9834

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.



17.3459, 15.1385, 13.3834



11.6076, 15.1385, 15.4069



16.9142, 15.1385, 22.2784

Square

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



11.6076, 15.1385, 15.4069



14.0078, 15.1385, 26.5849



17.5819, 15.1385, 17.6086



14.7764, 15.1385, 9.3323

Rectangle

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



11.6076, 15.1385, 15.4069



12.2886, 15.1385, 23.0346



17.5819, 15.1385, 17.6086



16.7154, 15.1385, 11.3092

Sweetspot

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



11.6080, 15.1391, 15.4072



26.9196, 30.1699, 32.4328



11.4205, 15.1922, 8.6340



6.1247, 6.9042, 7.4112



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.6080, 15.1391, 15.4072



19.2707, 26.3582, 26.1379



11.3427, 13.4687, 18.8322



3.7394, 4.1377, 4.4616



8.6979, 14.6932, 11.2311



41.9969, 71.4460, 52.6821

Inverse Universe

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



11.3989, 9.2192, 9.9834



18.8427, 14.1458, 14.9659



11.5414, 10.2678, 7.6771



3.7244, 3.7170, 4.0753



8.4038, 4.2952, 2.0686



40.6192, 20.7978, 8.3240

Previews

White Background



This preview shows how the XYZ color 11.6076, 15.1385, 15.4069 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 11.6076, 15.1385, 15.4069 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 11.6076, 15.1385, 15.4069

Background



This preview shows how black text looks on a background with the XYZ color 11.6076, 15.1385, 15.4069.



This preview shows how white text looks on a background with the XYZ color 11.6076, 15.1385,

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

11.6076, 15.1385, 15.4069

Protanopia

14.2968, 15.0707, 13.9598

Deuteranopia

15.3132, 15.0866, 16.0148



Tritanopia

12.7344, 15.0844, 20.9793

Trichromacy



Original Color

11.6076, 15.1385, 15.4069

Protanomaly

13.0704, 14.9051, 14.5000

Deuteranomaly

13.5496, 14.8027, 15.7787

Tritanomaly

12.2636, 15.0589, 18.7833

Monochromacy



Original Color

11.6076, 15.1385, 15.4069

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.0203, 13.7188, 14.8464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6076, 15.1385, 15.4069 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(73, 117, 104)` looks like.

```
.text, #text, p{  
    color:rgb(73, 117, 104)  
}
```

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(73, 117, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 117, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.6076, 15.1385, 15.4069 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(73, 117, 104) }
```


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

```
.border{ border-color:rgb(73, 117, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 117, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 117, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 117, 104);  
box-shadow:4px 4px 4px 4px rgb(73, 117,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6076, 15.1385, 15.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 117, 104) }
```

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

```
.background{ background-color: rgb(73, 117,  
104) }
```

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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