

Converting Colors

XYZ(11.5791, 15.5208, 16.0451)

Have a look what the booklet for
XYZ(11.5791, 15.5208, 16.0451)
contains.

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Color

**XYZ(11.5131, 15.4276,
16.0067)**

Conversions

Conversions Part 1

Format	Color
Hex	43776A
RGB	67, 119, 106
RGB Percent	26%, 47%, 42%
CMY	0.7372, 0.5333, 0.5843
CMYK	0.44, 0.00, 0.11, 0.53
HSL	165°, 28%, 36%
HSV	165°, 44%, 47%
XYZ	11.5131, 15.4276, 16.0067
YIQ	101.9700, -26.8190, -15.0670

Conversions

Conversions Part 2

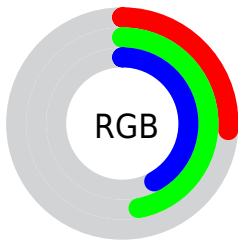
Format	Color
RYB	67, 97, 119
Decimal	4421482
CIELab	46.21, -20.77, 1.71
CIELCh	46, 20.843, 175.290
Yxy	15.4276, 0.2681, 0.3592
Android (android.graphics.Color)	4282611562 (0xFF43776A)
YUV	101.9700, 1.9868, -30.6687
Hunter-Lab	39.2780, -16.4148, 3.3325

Details

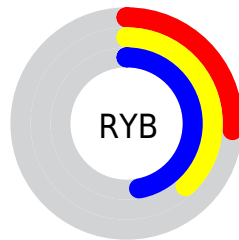
The XYZ color **11.5131, 15.4276, 16.0067** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.0634, 8.5158, 8.6506**, and the grayscale version is **12.6218, 13.2791, 14.4610**.

A 20% lighter version of the original color is **28.1199, 35.4117, 37.2514**, and **3.1766, 4.7976, 4.8963** is the 20% darker color. If you saturate the color by 10%, you get **10.6277, 14.9891, 15.1718**, and if you desaturate by 10%, it is **12.5724, 15.9559, 16.8785**.

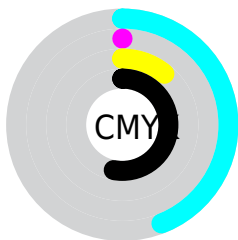
Distribution



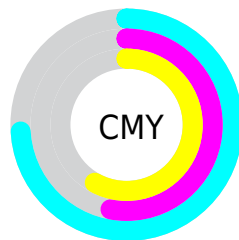
- Red (26%)
- Green (47%)
- Blue (42%)



- Red (26%)
- Yellow (38%)
- Blue (47%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



- Cyan (74%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5131, 15.4276, 16.0067 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 11.5131, 15.4276, 16.0067 by changing the saturation by 10% instead.

■ 11.5131, 15.4276,
16.0067

■ 11.5131, 15.4276,
16.0067

194.9911,
225.9400, 241.2283

■ 6.4829, 9.1200,
9.3745

■ 28.2298, 35.6016,
37.3768

■ 3.1843, 4.8196,
4.8861

■ 40.6469, 50.2368,
52.9517

■ 1.2520, 2.1418,
2.1230

■ 56.2572, 68.4167,
72.3447

■ 0.1468, 0.6880,
0.6294

■ 75.4258, 90.5256,
95.9742

■ 0.0000, 0.0000,
0.0000

■ 98.5181, 116.9480,
124.2588

125.8995,

148.0683, 157.6169

157.9354,
184.2708, 196.4673

■ 11.5131, 15.4276,
16.0067

■ 11.5131, 15.4276,
16.0067

■ 10.6277, 14.9891,
15.1718

■ 12.5724, 15.9559,
16.8785

■ 9.9045, 14.6333,
14.3718

■ 13.8140, 16.5771,
17.7868

■ 9.3325, 14.3547,
13.6065

■ 15.2469, 17.2964,
18.7326

■ 8.8984, 14.1467,
12.8747

■ 16.8794, 18.1179,
19.7166

■ 8.5847, 14.0001,
12.1755

■ 18.7193, 19.0457,
20.7394

■ 8.4108, 13.9197,
11.7496

■ 20.7740, 20.0835,
21.8017

■ 23.0503, 21.2349,
22.9040

■ 25.5549, 22.5034,
24.0468

■ 28.2942, 23.8922,
25.2308

Harmonies

Analogous

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



12.0286, 15.4276, 11.8164



11.5131, 15.4276, 16.0067



11.7843, 15.4276, 21.3379

Triad

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



11.5131, 15.4276, 16.0067



16.1731, 15.4276, 27.2980



16.6978, 15.4276, 9.9659

Complementary

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



11.5131, 15.4276, 16.0067



11.0634, 8.5158, 8.6506

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.



17.9772, 15.4276, 12.9526



11.5131, 15.4276, 16.0067



17.6575, 15.4276, 23.0135

Square

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



11.5131, 15.4276, 16.0067



14.3845, 15.4276, 28.5686



18.3417, 15.4276, 17.6150



14.9460, 15.4276, 8.8070

Rectangle

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



11.5131, 15.4276, 16.0067



12.3872, 15.4276, 24.7620



18.3417, 15.4276, 17.6150



17.2028, 15.4276, 10.7559

Sweetspot

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



11.5135, 15.4282, 16.0071



27.4026, 31.0223, 33.6069



10.9924, 15.3430, 7.6926



6.3741, 7.2917, 7.8885



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.



11.5135, 15.4282, 16.0071



19.0847, 26.8670, 27.2224



10.8888, 13.0134, 19.3915



3.7461, 4.1404, 4.4967



8.9317, 14.7867, 12.4621



43.1691, 71.9149, 58.8549

Inverse Universe

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



11.0634, 8.5158, 8.6506



18.1772, 12.8340, 12.3188



11.4270, 9.9389, 6.6266



3.7181, 3.7145, 4.0421



8.3249, 4.2637, 1.6533



40.2713, 20.6586, 6.4919

Previews

White Background



This preview shows how the XYZ color 11.5131, 15.4276, 16.0067 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 11.5131, 15.4276, 16.0067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

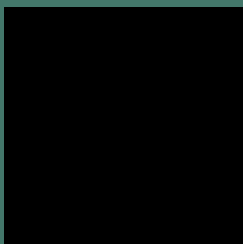
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

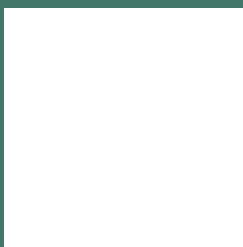
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5131, 15.4276, 16.0067

Background



This preview shows how black text looks on a background with the XYZ color 11.5131, 15.4276, 16.0067.



This preview shows how white text looks on a background with the XYZ color 11.5131, 15.4276,

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

11.5131, 15.4276, 16.0067

Protanopia

14.5789, 15.3681, 14.2545

Deuteranopia

15.5221, 15.3341, 16.6097



Tritanopia

12.6838, 15.3749, 22.0378

Trichromacy



Original Color

11.5131, 15.4276, 16.0067

Protanomaly

13.1273, 15.2564, 14.8233

Deuteranomaly

13.6467, 15.1609, 16.3944

Tritanomaly

12.2169, 15.3566, 19.7730

Monochromacy



Original Color

11.5131, 15.4276, 16.0067

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.9306, 13.8282, 14.8723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5131, 15.4276, 16.0067 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(67, 119, 106)` looks like.

```
.text, #text, p{  
    color:rgb(67, 119, 106)  
}
```

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(67, 119, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 119, 106) }
```

Border

The CSS property to change the border of an element to XYZ 11.5131, 15.4276, 16.0067 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(67, 119, 106) }
```


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

```
.border{ border-color:rgb(67, 119, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 119, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 119, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 119, 106);  
box-shadow:4px 4px 4px 4px rgb(67, 119,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5131, 15.4276, 16.0067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 119, 106) }
```

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

```
.background{ background-color: rgb(67, 119,  
106) }
```

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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