

Converting Colors

XYZ(11.0802, 16.0195, 11.1748)

Have a look what the booklet for
XYZ(11.0802, 16.0195, 11.1748)
contains.

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Color

**XYZ(11.1065, 16.0507,
11.1071)**

Conversions

Conversions Part 1

Format	Color
Hex	447B55
RGB	68, 123, 85
RGB Percent	27%, 48%, 33%
CMY	0.7333, 0.5176, 0.6667
CMYK	0.45, 0.00, 0.31, 0.52
HSL	139°, 29%, 37%
HSV	139°, 45%, 48%
XYZ	11.1065, 16.0507, 11.1071
YIQ	102.2230, -20.5820, -23.4780

Conversions

Conversions Part 2

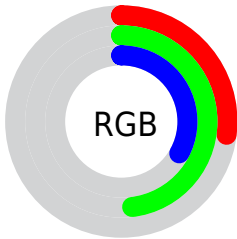
Format	Color
RYB	68, 110, 123
Decimal	4488021
CIELab	47.04, -27.28, 15.24
CIELCh	47, 31.251, 150.809
Yxy	16.0507, 0.2903, 0.4195
Android (android.graphics.Color)	4282678101 (0xFF447B55)
YUV	102.2230, -8.4909, -30.0136
Hunter-Lab	40.0633, -20.6264, 11.6069

Details

The XYZ color **11.1065, 16.0507, 11.1071** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.8374, 9.3860, 14.7711**, and the grayscale version is **12.7133, 13.3754, 14.5658**.

A 20% lighter version of the original color is **27.5063, 36.7219, 28.5600**, and **3.0455, 5.1609, 2.8431** is the 20% darker color. If you saturate the color by 10%, you get **10.0195, 15.5275, 9.3986**, and if you desaturate by 10%, it is **12.4149, 16.6843, 13.0384**.

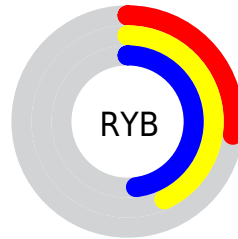
Distribution



Red (27%)

Green (48%)

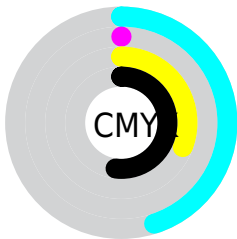
Blue (33%)



Red (27%)

Yellow (43%)

Blue (48%)

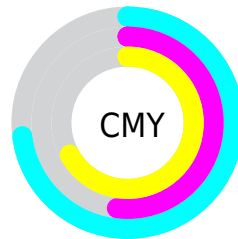


Cyan (45%)

Magenta (0%)

Yellow (31%)

Black (52%)



Cyan (73%)

Magenta (52%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1065, 16.0507, 11.1071 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 11.1065, 16.0507, 11.1071 by changing the saturation by 10% instead.

■ 11.1065, 16.0507,
11.1071

■ 11.1065, 16.0507,
11.1071

192.2900,
229.6407, 209.1646

■ 6.2063, 9.5600,
6.0238

■ 27.4881, 36.6862,
28.4977

■ 3.0128, 5.1082,
2.7906

■ 39.7003, 51.5998,
41.6421

■ 1.1605, 2.3109,
0.9887

■ 55.0806, 70.0899,
58.3107

■ 0.0749, 0.7795,
0.0000

■ 73.9942, 92.5408,
78.9220

■ 0.0000, 0.0000,
0.0000

■ 96.8066, 119.3369,
103.8945

123.8832,

150.8627, 133.6467

155.5892,
187.5025, 168.5972

■ 11.1065, 16.0507,
11.1071

■ 11.1065, 16.0507,
11.1071

■ 10.0195, 15.5275,
9.3986

■ 12.4149, 16.6843,
13.0384

■ 9.1399, 15.1062,
7.9037

■ 13.9553, 17.4322,
15.1990

■ 8.4540, 14.7804,
6.6143


■ 15.7389, 18.3004,
17.5967


■ 7.9456, 14.5420,
5.5211


■ 17.7759, 19.2941,
20.2382


■ 7.5917, 14.3793,
4.6140


■ 20.0758, 20.4182,
23.1304

 7.4334, 14.3066,
4.2051

 22.6479, 21.6771,
26.2796

 25.5006, 23.0751,
29.6919

 28.6423, 24.6165,
33.3733

 32.0809, 26.3052,
37.3297

Harmonies

Analogous

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



12.7155, 16.0507, 7.4633



11.1065, 16.0507, 11.1071



10.5747, 16.0507, 17.6902

Triad

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



11.1065, 16.0507, 11.1071



15.3302, 16.0507, 37.2982



20.2378, 16.0507, 10.8368

Complementary

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



11.1065, 16.0507, 11.1071



12.8374, 9.3860, 14.7711

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.



21.1472, 16.0507, 17.2645



11.1065, 16.0507, 11.1071



18.1135, 16.0507, 33.8842

Square

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



11.1065, 16.0507, 11.1071



12.8298, 16.0507, 34.2162



20.3276, 16.0507, 25.9079



17.9696, 16.0507, 7.3433

Rectangle

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



11.1065, 16.0507, 11.1071



10.8455, 16.0507, 23.3975



20.3276, 16.0507, 25.9079



20.7239, 16.0507, 12.6495

Sweetspot

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



11.1069, 16.0514, 11.1075



28.6650, 33.0049, 32.1441



14.1303, 17.6789, 8.1365



6.5979, 7.6985, 7.3687



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.1069, 16.0514, 11.1075



17.8350, 27.7534, 16.6555



12.3919, 16.5654, 17.8741



3.9972, 4.4685, 4.5190



7.6873, 14.7986, 4.3380



36.3282, 70.4543, 18.8982

Inverse Universe

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



12.8374, 9.3860, 14.7711



21.3611, 14.1415, 24.0978



11.6472, 8.9099, 8.5032



4.1042, 4.0574, 4.7466



10.1431, 5.0334, 9.3105



47.9888, 23.8519, 42.3327

Previews

White Background



This preview shows how the XYZ color 11.1065, 16.0507, 11.1071 looks on a white background.

Color Contrast Check

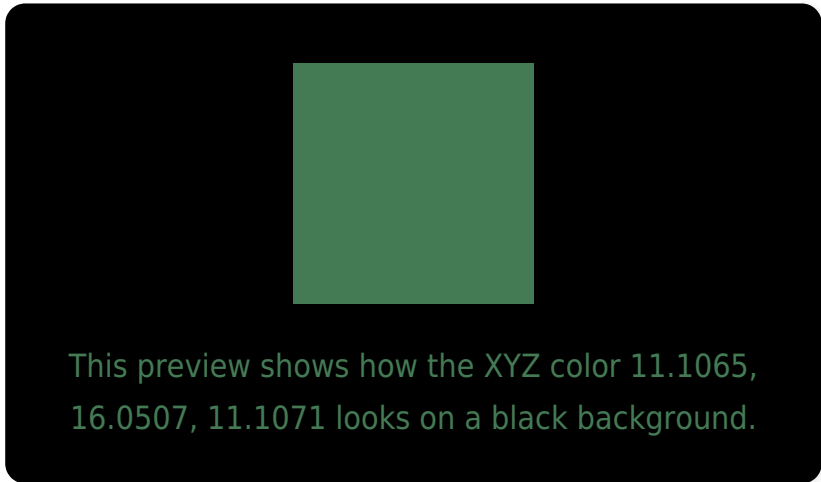
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.1065, 16.0507, 11.1071

Background



This preview shows how black text looks on a background with the XYZ color 11.1065, 16.0507, 11.1071.



This preview shows how white text looks on a background with the XYZ color 11.1065, 16.0507,

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

11.1065, 16.0507, 11.1071

Protanopia

14.8781, 15.9411, 9.8822

Deuteranopia

16.1141, 15.9038, 11.6716



Tritanopia

13.4511, 16.1089, 22.4790

Trichromacy



Original Color

11.1065, 16.0507, 11.1071

Protanomaly

13.0206, 15.6374, 10.3147

Deuteranomaly

13.7300, 15.6406, 11.5278

Tritanomaly

12.4651, 16.0586, 17.7719

Monochromacy



Original Color

11.1065, 16.0507, 11.1071

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.9037, 14.1700, 13.1740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1065, 16.0507, 11.1071 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(68, 123, 85)` looks like.

```
.text, #text, p{  
    color:rgb(68, 123, 85)  
}
```

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(68, 123, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 123, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.1065, 16.0507, 11.1071 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(68, 123, 85) }
```


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

```
.border{ border-color:rgb(68, 123, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 123, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 123, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 123, 85);  
box-shadow:4px 4px 4px 4px rgb(68, 123,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1065, 16.0507, 11.1071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 123, 85) }
```

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

```
.background{ background-color: rgb(68, 123,  
85) }
```

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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