

Converting Colors

XYZ(11.0066, 16.5668, 8.7256)

Have a look what the booklet for
XYZ(11.0066, 16.5668, 8.7256)
contains.

XYZ(11.0144, 16.6185, 8.7581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.0144, 16.6185,
8.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	447E48
RGB	68, 126, 72
RGB Percent	27%, 49%, 28%
CMY	0.7333, 0.5059, 0.7176
CMYK	0.46, 0.00, 0.43, 0.51
HSL	124°, 30%, 38%
HSV	124°, 46%, 49%
XYZ	11.0144, 16.6185, 8.7581
YIQ	102.5020, -17.2340, -29.0900

Conversions

Conversions Part 2

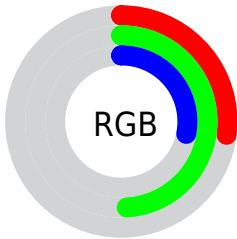
Format	Color
RYB	68, 122, 126
Decimal	4488776
CIELab	47.78, -31.13, 23.62
CIELCh	48, 39.077, 142.802
Yxy	16.6185, 0.3027, 0.4567
Android (android.graphics.Color)	4282678856 (0xFF447E48)
YUV	102.5020, -15.0375, -30.2583
Hunter-Lab	40.7658, -23.1117, 15.7982

Details

The XYZ color **11.0144, 16.6185, 8.7581** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **14.1846, 9.9752, 19.5904**, and the grayscale version is **12.8027, 13.4694, 14.6682**.

A 20% lighter version of the original color is **27.3170, 37.6137, 23.9096**, and **2.9634, 5.3414, 1.9117** is the 20% darker color. If you saturate the color by 10%, you get **9.8815, 16.0750, 6.8946**, and if you desaturate by 10%, it is **12.4101, 17.2900, 11.0159**.

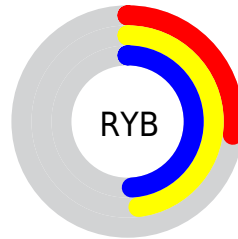
Distribution



Red (27%)

Green (49%)

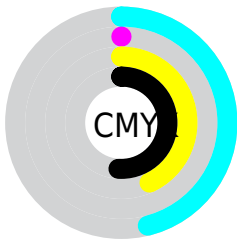
Blue (28%)



Red (27%)

Yellow (48%)

Blue (49%)

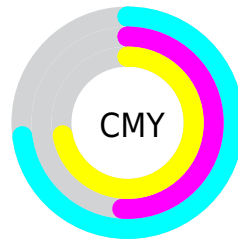


Cyan (46%)

Magenta (0%)

Yellow (43%)

Black (51%)



Cyan (73%)

Magenta (51%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0144, 16.6185, 8.7581 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 11.0144, 16.6185, 8.7581 by changing the saturation by 10% instead.

■ 11.0144, 16.6185,
8.7581

■ 11.0144, 16.6185,
8.7581

191.6726,
232.9642, 191.7141

■ 6.1439, 9.9629,
4.4891

■ 27.3195, 37.6687,
24.0020

■ 2.9743, 5.3743,
1.8973

■ 39.4848, 52.8320,
35.8140

■ 1.1402, 2.4685,
0.4910

■ 54.8124, 71.6000,
50.9773

■ 0.0583, 0.8608,
0.0000

■ 73.6677, 94.3571,
69.9107

■ 0.0000, 0.0000,
0.0000

■ 96.4160, 121.4877,
93.0324

123.4227,

153.3761, 120.7612

155.0531,
190.4068, 153.5156

■ 11.0144, 16.6185,
8.7581

■ 11.0144, 16.6185,
8.7581

■ 9.8815, 16.0750,
6.8946

■ 12.4101, 17.2900,
11.0159

■ 8.9938, 15.6495,
5.4017

■ 14.0824, 18.0947,
13.6877

■ 8.3334, 15.3338,
4.2551


■ 16.0455, 19.0400,
16.7930


■ 7.8795, 15.1176,
3.4268


■ 18.3122, 20.1321,
20.3500


■ 7.5987, 14.9846,
2.8844


■ 20.8949, 21.3771,
24.3757

 7.5088, 14.9414,
2.7379

 23.8049, 22.7805,
28.8863

 27.0531, 24.3474,
33.8971

 30.6500, 26.0831,
39.4229

 34.6054, 27.9923,
45.4778

Harmonies

Analogous

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



13.3260, 16.6185, 5.5008



11.0144, 16.6185, 8.7581



10.0106, 16.6185, 15.7837

Triad

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



11.0144, 16.6185, 8.7581



14.9664, 16.6185, 44.7754



22.8542, 16.6185, 11.6007

Complementary

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



11.0144, 16.6185, 8.7581



14.1846, 9.9752, 19.5904

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.



23.4651, 16.6185, 20.6210



11.0144, 16.6185, 8.7581



18.5524, 16.6185, 42.3408

Square

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



11.0144, 16.6185, 8.7581



12.0630, 16.6185, 38.2219



21.7915, 16.6185, 32.4429



20.2278, 16.6185, 6.6675

Rectangle

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



11.0144, 16.6185, 8.7581



10.0953, 16.6185, 22.7150



21.7915, 16.6185, 32.4429



23.3165, 16.6185, 14.1477

Sweetspot

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



11.0148, 16.6192, 8.7585



28.8845, 33.8224, 30.5690



16.5498, 19.4872, 8.3580



6.4166, 7.6194, 6.7116



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.



11.0148, 16.6192, 8.7585



17.3483, 28.2730, 12.0614



12.1876, 17.0883, 14.9341



4.2871, 4.8232, 4.6833



7.7023, 15.3275, 2.8052



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1846, 9.9752, 19.5904



23.6432, 15.0653, 33.5632



12.6534, 9.3627, 11.5274



4.4858, 4.4075, 5.3625



12.1390, 5.8753, 17.8537



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.0144, 16.6185, 8.7581 looks on a white background.

Color Contrast Check

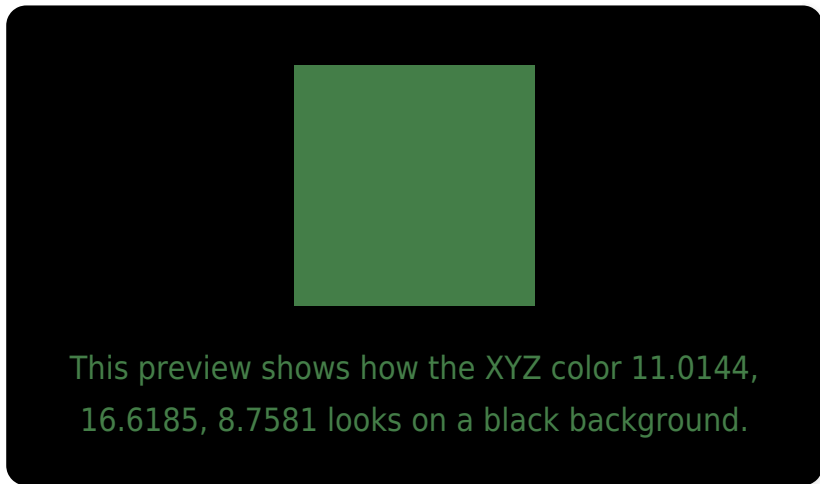
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0144, 16.6185, 8.7581

Background



This preview shows how black text looks on a background with the XYZ color 11.0144, 16.6185, 8.7581.



This preview shows how white text looks on a background with the XYZ color 11.0144, 16.6185,

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

11.0144, 16.6185, 8.7581

Protanopia

15.0866, 16.4265, 7.6857

Deuteranopia

16.6587, 16.3978, 9.1246



Tritanopia

13.8675, 16.4841, 23.2197

Trichromacy



Original Color

11.0144, 16.6185, 8.7581

Protanomaly

13.1461, 16.2701, 8.0778

Deuteranomaly

13.9563, 16.1490, 9.0381

Tritanomaly

12.6468, 16.5383, 16.7130

Monochromacy



Original Color

11.0144, 16.6185, 8.7581

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.8327, 14.3152, 12.2647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0144, 16.6185, 8.7581 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, 126, 72)` looks like.

```
.text, #text, p{  
    color:rgb(68, 126, 72)  
}
```

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, 126, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 126, 72) }
```

Border

The CSS property to change the border of an element to XYZ 11.0144, 16.6185, 8.7581 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, 126, 72) }
```


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

```
.border{ border-color:rgb(68, 126, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 126, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 126, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 126, 72);  
box-shadow:4px 4px 4px 4px rgb(68, 126,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0144, 16.6185, 8.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 126, 72) }
```

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

```
.background{ background-color: rgb(68, 126,  
72) }
```

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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