

Converting Colors

XYZ(11.4854, 16.4307, 11.3676)

Have a look what the booklet for
XYZ(11.4854, 16.4307, 11.3676)
contains.

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Color

**XYZ(11.4859, 16.4268,
11.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	477C56
RGB	71, 124, 86
RGB Percent	28%, 49%, 34%
CMY	0.7216, 0.5137, 0.6627
CMYK	0.43, 0.00, 0.31, 0.51
HSL	137°, 27%, 38%
HSV	137°, 43%, 49%
XYZ	11.4859, 16.4268, 11.3694
YIQ	103.8210, -19.3900, -23.0540

Conversions

Conversions Part 2

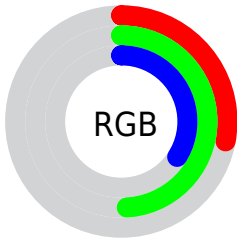
Format	Color
R_{YB}	71, 112, 124
Decimal	4684886
CIE _{Lab}	47.53, -26.64, 15.35
CIE _{LCh}	48, 30.744, 150.039
Yxy	16.4268, 0.2924, 0.4182
Android (android.graphics.Color)	4282874966 (0xFF477C56)
YUV	103.8210, -8.7858, -28.7840
Hunter-Lab	40.5300, -20.3419, 11.7391

Details

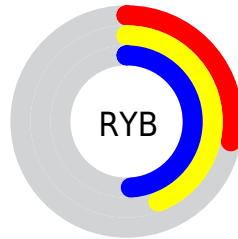
The XYZ color **11.4859, 16.4268, 11.3694** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.3263, 9.8960, 15.6764**, and the grayscale version is **13.1370, 13.8212, 15.0513**.

A 20% lighter version of the original color is **28.1921, 37.3594, 29.0178**, and **3.1876, 5.3341, 2.8691** is the 20% darker color. If you saturate the color by 10%, you get **10.3315, 15.8710, 9.5605**, and if you desaturate by 10%, it is **12.8714, 17.0975, 13.4225**.

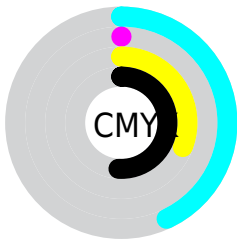
Distribution



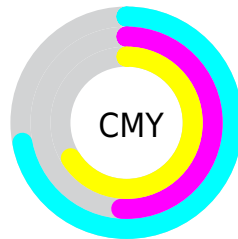
- Red (28%)
- Green (49%)
- Blue (34%)



- Red (28%)
- Yellow (44%)
- Blue (49%)



- Cyan (43%)
- Magenta (0%)
- Yellow (31%)
- Black (51%)



- Cyan (72%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4859, 16.4268, 11.3694 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 11.4859, 16.4268, 11.3694 by changing the saturation by 10% instead.

■ 11.4859, 16.4268,
11.3694

■ 11.4859, 16.4268,
11.3694

194.8117,
231.8472, 211.0122

■ 6.4643, 9.8267,
6.1986

■ 28.1803, 37.3376,
28.9883

■ 3.1728, 5.2842,
2.8955

■ 40.5839, 52.4170,
42.2734

■ 1.2458, 2.4150,
1.0415

■ 56.1788, 71.0917,
59.1004

■ 0.1421, 0.8336,
0.0000

■ 75.3305, 93.7460,
79.8878

■ 0.0000, 0.0000,
0.0000

■ 98.4043, 120.7643,
105.0542

125.7655,

152.5310, 135.0180

157.7795,
189.4305, 170.1978

■ 11.4859, 16.4268,
11.3694

■ 11.4859, 16.4268,
11.3694

■ 10.3315, 15.8710,
9.5605

■ 12.8714, 17.0975,
13.4225

■ 9.3938, 15.4215,
7.9856

■ 14.4986, 17.8871,
15.7273

■ 8.6591, 15.0718,
6.6353


■ 16.3792, 18.8017,
18.2924


■ 8.1110, 14.8139,
5.4993


■ 18.5234, 19.8466,
21.1256


■ 7.7305, 14.6380,
4.5662


■ 20.9411, 21.0266,
24.2344

 7.5128, 14.5379,
4.0076

 23.6416, 22.3465,
27.6261

 26.6338, 23.8107,
31.3075

 29.9261, 25.4233,
35.2853

 33.5268, 27.1885,
39.5660

Harmonies

Analogous

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



13.1259, 16.4268, 7.7593



11.4859, 16.4268, 11.3694



10.9227, 16.4268, 17.8961

Triad

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



11.4859, 16.4268, 11.3694



15.6167, 16.4268, 37.5699



20.6225, 16.4268, 11.3564

Complementary

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



11.4859, 16.4268, 11.3694



13.3263, 9.8960, 15.6764

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.



21.4846, 16.4268, 17.8758



11.4859, 16.4268, 11.3694



18.3964, 16.4268, 34.3488

Square

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



11.4859, 16.4268, 11.3694



13.1313, 16.4268, 34.3645



20.6268, 16.4268, 26.5114



18.3896, 16.4268, 7.7535

Rectangle

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



11.4859, 16.4268, 11.3694



11.1755, 16.4268, 23.5589



20.6268, 16.4268, 26.5114



21.0931, 16.4268, 13.2057

Sweetspot

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



11.4863, 16.4275, 11.3698



28.6227, 32.9879, 31.9210



14.7594, 18.1775, 8.6921



6.5867, 7.6940, 7.3098



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.



11.4863, 16.4275, 11.3698



18.2785, 27.9752, 16.9824



12.7109, 16.9173, 17.8185



3.9932, 4.4669, 4.4981



7.6361, 14.7781, 4.0685



36.1036, 70.3645, 17.7156

Inverse Universe

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



13.3263, 9.8960, 15.6764



21.9518, 14.9116, 25.5623



12.1414, 9.4221, 9.4370



4.1084, 4.0591, 4.7685



10.2781, 5.0874, 10.0212



48.6488, 24.1159, 45.8083

Previews

White Background



This preview shows how the XYZ color 11.4859, 16.4268, 11.3694 looks on a white background.

Color Contrast Check

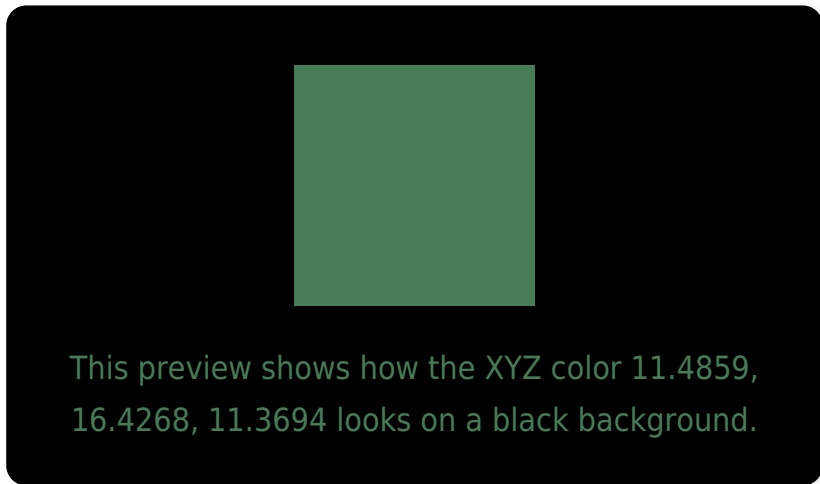
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4859, 16.4268, 11.3694

Background



This preview shows how black text looks on a background with the XYZ color 11.4859, 16.4268, 11.3694.



This preview shows how white text looks on a background with the XYZ color 11.4859, 16.4268,

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

11.4859, 16.4268, 11.3694

Protanopia

15.1645, 16.2474, 10.1214

Deuteranopia

16.5681, 16.2886, 11.9436



Tritanopia

13.8014, 16.4576, 22.8713

Trichromacy



Original Color

11.4859, 16.4268, 11.3694

Protanomaly

13.4002, 15.9989, 10.5654

Deuteranomaly

14.1272, 16.0071, 11.7963

Tritanomaly

12.8786, 16.4448, 18.1182

Monochromacy



Original Color

11.4859, 16.4268, 11.3694

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.2557, 14.5073, 13.4635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4859, 16.4268, 11.3694 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(71, 124, 86)` looks like.

```
.text, #text, p{  
    color:rgb(71, 124, 86)  
}
```

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(71, 124, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 124, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.4859, 16.4268, 11.3694 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(71, 124, 86) }
```


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

```
.border{ border-color:rgb(71, 124, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 124, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 124, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 124, 86);  
box-shadow:4px 4px 4px 4px rgb(71, 124,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4859, 16.4268, 11.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 124, 86) }
```

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

```
.background{ background-color: rgb(71, 124,  
86) }
```

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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