

Converting Colors

XYZ(11.5853, 16.6580, 10.9182)

Have a look what the booklet for
XYZ(11.5853, 16.6580, 10.9182)
contains.

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Color

**XYZ(11.6063, 16.6850,
10.9963)**

Conversions

Conversions Part 1

Format	Color
Hex	487D54
RGB	72, 125, 84
RGB Percent	28%, 49%, 33%
CMY	0.7176, 0.5098, 0.6706
CMYK	0.42, 0.00, 0.33, 0.51
HSL	134°, 27%, 39%
HSV	134°, 42%, 49%
XYZ	11.6063, 16.6850, 10.9963
YIQ	104.4790, -18.4270, -23.9870

Conversions

Conversions Part 2

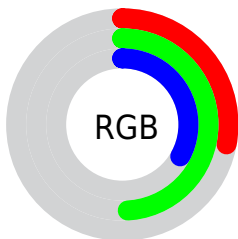
Format	Color
RYB	72, 115, 125
Decimal	4750676
CIELab	47.86, -27.20, 16.97
CIELCh	48, 32.060, 148.047
Yxy	16.6850, 0.2954, 0.4247
Android (android.graphics.Color)	4282940756 (0xFF487D54)
YUV	104.4790, -10.0961, -28.4841
Hunter-Lab	40.8473, -20.7639, 12.6319

Details

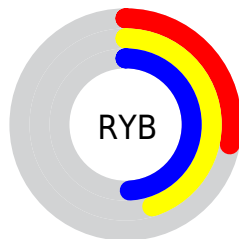
The XYZ color **11.6063, 16.6850, 10.9963** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.7559, 10.1873, 16.8646**, and the grayscale version is **13.3168, 14.0103, 15.2572**.

A 20% lighter version of the original color is **28.3918, 37.7730, 28.3488**, and **3.1752, 5.3315, 2.6955** is the 20% darker color. If you saturate the color by 10%, you get **10.4146, 16.1119, 9.0982**, and if you desaturate by 10%, it is **13.0407, 17.3781, 13.1795**.

Distribution



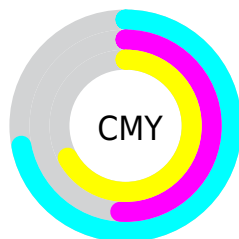
- Red (28%)
- Green (49%)
- Blue (33%)



- Red (28%)
- Yellow (45%)
- Blue (49%)



- Cyan (42%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (72%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6063, 16.6850, 10.9963 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 11.6063, 16.6850, 10.9963 by changing the saturation by 10% instead.

■ 11.6063, 16.6850,
10.9963

■ 11.6063, 16.6850,
10.9963

195.6048,
233.3505, 208.3787

■ 6.5465, 10.0102,
5.9502

■ 28.3991, 37.7834,
28.2899

■ 3.2239, 5.4057,
2.7465

■ 40.8628, 52.9757,
41.3744

■ 1.2733, 2.4872,
0.9667

■ 56.5252, 71.7760,
57.9756

■ 0.1631, 0.8702,
0.0000

■ 75.7517, 94.5686,
78.5118

■ 0.0000, 0.0000,
0.0000

■ 98.9075, 121.7380,
103.4017

126.3580,

153.6685, 133.0638

158.4687,
190.7446, 167.9166

■ 11.6063, 16.6850,
10.9963

■ 11.6063, 16.6850,
10.9963

■ 10.4146, 16.1119,
9.0982

■ 13.0407, 17.3781,
13.1795

■ 9.4506, 15.6499,
7.4724

■ 14.7291, 18.1954,
15.6577

■ 8.6996, 15.2922,
6.1065


■ 16.6837, 19.1434,
18.4418


■ 8.1447, 15.0304,
4.9871


■ 18.9154, 20.2276,
21.5417


■ 7.7660, 14.8544,
4.0992

■ 21.4345, 21.4531,
24.9671

 7.5472, 14.7531,
3.5676

 24.2510, 22.8247,
28.7269

 27.3740, 24.3471,
32.8299

 30.8126, 26.0247,
37.2846

 34.5754, 27.8618,
42.0990

Harmonies

Analogous

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



13.3932, 16.6850, 7.4522



11.6063, 16.6850, 10.9963



10.9402, 16.6850, 17.6317

Triad

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



11.6063, 16.6850, 10.9963



15.6705, 16.6850, 39.0907



21.2690, 16.6850, 11.6803

Complementary

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



11.6063, 16.6850, 10.9963



13.7559, 10.1873, 16.8646

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.



22.0662, 16.6850, 18.7133



11.6063, 16.6850, 10.9963



18.6093, 16.6850, 36.0806

Square

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



11.6063, 16.6850, 10.9963



13.1031, 16.6850, 35.2328



21.0401, 16.6850, 27.9264



18.9756, 16.6850, 7.7548

Rectangle

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



11.6063, 16.6850, 10.9963



11.1519, 16.6850, 23.5403



21.0401, 16.6850, 27.9264



21.7322, 16.6850, 13.6809

Sweetspot

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



11.6067, 16.6857, 10.9967



29.5351, 34.1148, 32.5446



15.3806, 18.6809, 8.9261



6.5627, 7.6844, 7.1831



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.



11.6067, 16.6857, 10.9967



18.6815, 28.8668, 16.3449



12.8201, 17.1710, 17.3863



4.3128, 4.8335, 4.8187



7.8743, 15.3963, 3.7106



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7559, 10.1873, 16.8646



23.0728, 15.5648, 28.3162



12.4962, 9.6834, 10.2311



4.4578, 4.3963, 5.2153



11.0616, 5.4443, 12.1801



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.6063, 16.6850, 10.9963 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 11.6063, 16.6850, 10.9963 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 11.6063, 16.6850, 10.9963

Background



This preview shows how black text looks on a background with the XYZ color 11.6063, 16.6850, 10.9963.



This preview shows how white text looks on a background with the XYZ color 11.6063, 16.6850,

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

11.6063, 16.6850, 10.9963

Protanopia

15.3424, 16.5123, 9.7757

Deuteranopia

16.6397, 16.3352, 11.5085



Tritanopia

14.0389, 16.5725, 23.2278

Trichromacy



Original Color

11.6063, 16.6850, 10.9963

Protanomaly

13.5554, 16.2597, 10.2086

Deuteranomaly

14.1680, 16.0377, 11.3657

Tritanomaly

12.9599, 16.4867, 18.1220

Monochromacy



Original Color

11.6063, 16.6850, 10.9963

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.3655, 14.7267, 13.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6063, 16.6850, 10.9963 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(72, 125, 84)` looks like.

```
.text, #text, p{  
  color:rgb(72, 125, 84)  
}
```

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(72, 125, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 125, 84) }
```

Border

The CSS property to change the border of an element to XYZ 11.6063, 16.6850, 10.9963 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(72, 125, 84) }
```


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

```
.border{ border-color:rgb(72, 125, 84) }
```

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

Here you see how a box with a 4 pixel rgb(72, 125, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 125, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 125, 84);  
box-shadow:4px 4px 4px 4px rgb(72, 125,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6063, 16.6850, 10.9963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 125, 84) }
```

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

```
.background{ background-color: rgb(72, 125,  
84) }
```

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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