

Converting Colors

XYZ(11.1155, 16.5553, 8.6733)

Have a look what the booklet for
XYZ(11.1155, 16.5553, 8.6733)
contains.

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Color

**XYZ(11.1018, 16.4747,
8.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	477D48
RGB	71, 125, 72
RGB Percent	28%, 49%, 28%
CMY	0.7216, 0.5098, 0.7176
CMYK	0.43, 0.00, 0.42, 0.51
HSL	121°, 28%, 38%
HSV	121°, 43%, 49%
XYZ	11.1018, 16.4747, 8.7257
YIQ	102.8120, -15.1710, -27.9310

Conversions

Conversions Part 2

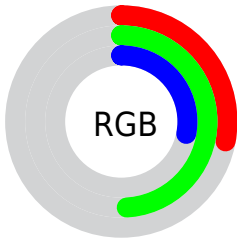
Format	Color
RYB	71, 124, 125
Decimal	4685128
CIELab	47.59, -29.69, 23.41
CIElCh	48, 37.810, 141.740
Yxy	16.4747, 0.3058, 0.4538
Android (android.graphics.Color)	4282875208 (0xFF477D48)
YUV	102.8120, -15.1903, -27.8991
Hunter-Lab	40.5890, -22.2080, 15.6664

Details

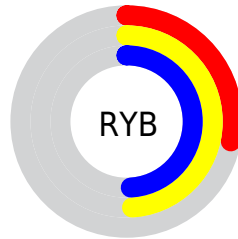
The XYZ color **11.1018, 16.4747, 8.7257** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **14.3492, 10.3219, 20.3051**, and the grayscale version is **12.8845, 13.5555, 14.7619**.

A 20% lighter version of the original color is **27.3976, 37.3588, 23.8561**, and **2.9825, 5.2497, 1.8930** is the 20% darker color. If you saturate the color by 10%, you get **9.9166, 15.9059, 6.7856**, and if you desaturate by 10%, it is **12.5563, 17.1741, 11.0962**.

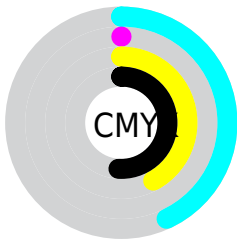
Distribution



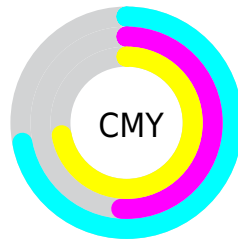
- Red (28%)
- Green (49%)
- Blue (28%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1018, 16.4747, 8.7257 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 11.1018, 16.4747, 8.7257 by changing the saturation by 10% instead.

■ 11.1018, 16.4747,
8.7257

■ 11.1018, 16.4747,
8.7257

192.2585,
232.1268, 191.4604

■ 6.2031, 9.8607,
4.4683

■ 27.4795, 37.4204,
23.9385

■ 3.0108, 5.3067,
1.8856

■ 39.6893, 52.5208,
35.7311

■ 1.1595, 2.4283,
0.4836

■ 55.0669, 71.2188,
50.8724

■ 0.0740, 0.8404,
0.0000

■ 73.9776, 93.8989,
69.7812

■ 0.0000, 0.0000,
0.0000

■ 96.7867, 120.9453,
92.8758

123.8597,

152.7425, 120.5748

155.5618,
189.6748, 153.2968

■ 11.1018, 16.4747,
8.7257

■ 11.1018, 16.4747,
8.7257

■ 9.9166, 15.9059,
6.7856

■ 12.5563, 17.1741,
11.0962

■ 8.9831, 15.4577,
5.2489

■ 14.2940, 18.0092,
13.9195

■ 8.2835, 15.1221,
4.0877


■ 16.3293, 18.9875,
17.2178


■ 7.7971, 14.8889,
3.2697


■ 18.6750, 20.1152,
21.0116


■ 7.4988, 14.7461,
2.7574


■ 21.3435, 21.3983,
25.3203

 7.3467, 14.6730,
2.5116

 24.3464, 22.8423,
30.1619

 27.6946, 24.4525,
35.5538

 31.3987, 26.2340,
41.5127

 35.4687, 28.1915,
48.0543

Harmonies

Analogous

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



13.3791, 16.4747, 5.6322



11.1018, 16.4747, 8.7257



10.0815, 16.4747, 15.4019

Triad

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



11.1018, 16.4747, 8.7257



14.7461, 16.4747, 43.2845



22.4819, 16.4747, 11.9049

Complementary

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



11.1018, 16.4747, 8.7257



14.3492, 10.3219, 20.3051

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.



22.9867, 16.4747, 20.7386



11.1018, 16.4747, 8.7257



18.1836, 16.4747, 41.2877

Square

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



11.1018, 16.4747, 8.7257



11.9791, 16.4747, 36.8121



21.3178, 16.4747, 32.0586



20.0238, 16.4747, 6.9558

Rectangle

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



11.1018, 16.4747, 8.7257



10.1326, 16.4747, 21.9853



21.3178, 16.4747, 32.0586



22.8985, 16.4747, 14.4209

Sweetspot

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



11.1022, 16.4754, 8.7261



29.1962, 33.9792, 30.7599



16.7983, 19.4156, 8.8234



6.4768, 7.6500, 6.7307



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.



11.1022, 16.4754, 8.7261



17.7469, 28.4773, 12.1333



12.1799, 16.9065, 14.4010



4.2790, 4.8199, 4.6405



7.6671, 15.3134, 2.6196



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.3492, 10.3219, 20.3051



24.3819, 15.8997, 35.7921



12.8734, 9.7316, 12.5339



4.4948, 4.4111, 5.4102



12.5373, 6.0346, 19.9512



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.1018, 16.4747, 8.7257 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 11.1018, 16.4747, 8.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

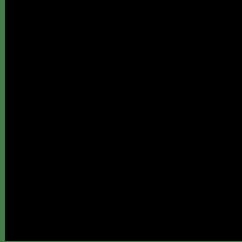
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1018, 16.4747, 8.7257

Background



This preview shows how black text looks on a background with the XYZ color 11.1018, 16.4747, 8.7257.



This preview shows how white text looks on a background with the XYZ color 11.1018, 16.4747,

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

11.1018, 16.4747, 8.7257

Protanopia

14.9757, 16.2045, 7.6487

Deuteranopia

16.4986, 16.3153, 9.1171



Tritanopia

13.8544, 16.3092, 22.8399

Trichromacy



Original Color

11.1018, 16.4747, 8.7257

Protanomaly

13.1444, 16.0953, 8.0441

Deuteranomaly

13.8429, 15.9221, 9.0003

Tritanomaly

12.6860, 16.3772, 16.6798

Monochromacy



Original Color

11.1018, 16.4747, 8.7257

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.9306, 14.3657, 12.2693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1018, 16.4747, 8.7257 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, 125, 72)` looks like.

```
.text, #text, p{  
    color:rgb(71, 125, 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(71, 125, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 125, 72) }
```

Border

The CSS property to change the border of an element to XYZ 11.1018, 16.4747, 8.7257 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, 125, 72) }
```


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

```
.border{ border-color:rgb(71, 125, 72) }
```

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

Here you see how a box with a 4 pixel rgb(71, 125, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 125, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 125, 72);  
box-shadow:4px 4px 4px 4px rgb(71, 125,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1018, 16.4747, 8.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 125, 72) }
```

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

```
.background{ background-color: rgb(71, 125,  
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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