

Converting Colors

XYZ(11.4910, 16.1017, 10.2139)

Have a look what the booklet for
XYZ(11.4910, 16.1017, 10.2139)
contains.

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Color

**XYZ(11.5053, 16.0909,
10.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7A51
RGB	77, 122, 81
RGB Percent	30%, 48%, 32%
CMY	0.6980, 0.5216, 0.6823
CMYK	0.37, 0.00, 0.34, 0.52
HSL	125°, 23%, 39%
HSV	125°, 37%, 48%
XYZ	11.5053, 16.0909, 10.2840
YIQ	103.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

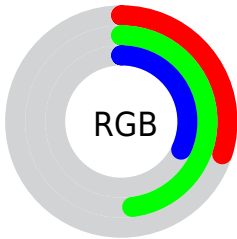
Format	Color
R_{YB}	77, 118, 122
Decimal	5077585
CIE _{Lab}	47.09, -24.62, 17.70
CIE _{LCh}	47, 30.320, 144.283
Yxy	16.0909, 0.3037, 0.4248
Android (android.graphics.Color)	4283267665 (0xFF4D7A51)
YUV	103.8710, -11.2754, -23.5659
Hunter-Lab	40.1135, -19.0014, 12.8791

Details

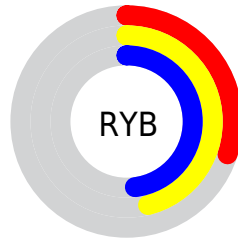
The XYZ color **11.5053, 16.0909, 10.2840** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.9505, 10.7537, 18.4807**, and the grayscale version is **13.1557, 13.8409, 15.0727**.

A 20% lighter version of the original color is **28.3288, 36.8878, 27.0997**, and **3.2077, 5.1537, 2.4948** is the 20% darker color. If you saturate the color by 10%, you get **10.2285, 15.4774, 8.2237**, and if you desaturate by 10%, it is **13.0359, 16.8282, 12.7131**.

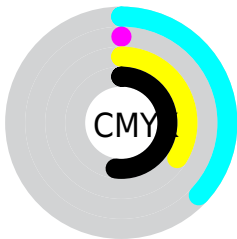
Distribution



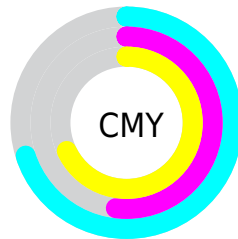
- Red (30%)
- Green (48%)
- Blue (32%)



- Red (30%)
- Yellow (46%)
- Blue (48%)



- Cyan (37%)
- Magenta (0%)
- Yellow (34%)
- Black (52%)



- Cyan (70%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5053, 16.0909, 10.2840 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 11.5053, 16.0909, 10.2840 by changing the saturation by 10% instead.

■ 11.5053, 16.0909,
10.2840

■ 11.5053, 16.0909,
10.2840

194.9397,
229.8775, 203.2451

■ 6.4776, 9.5885,
5.4796

■ 28.2156, 36.7559,
26.9444

■ 3.1810, 5.1270,
2.4677

■ 40.6289, 51.6874,
39.6376

■ 1.2502, 2.3220,
0.8230

■ 56.2347, 70.1973,
55.7974

■ 0.1454, 0.7853,
0.0000

■ 75.3984, 92.6700,
75.8423

■ 0.0000, 0.0000,
0.0000

■ 98.4855, 119.4900,
100.1911

125.8611,

151.0417, 129.2621

157.8907,
187.7094, 163.4739

■ 11.5053, 16.0909,
10.2840

■ 11.5053, 16.0909,
10.2840

■ 10.2285, 15.4774,
8.2237

■ 13.0359, 16.8282,
12.7131

■ 9.1906, 14.9791,
6.5133

■ 14.8316, 17.6935,
15.5268

■ 8.3769, 14.5894,
5.1335


■ 16.9047, 18.6933,
18.7409


■ 7.7709, 14.3001,
4.0631


■ 19.2662, 19.8328,
22.3705


■ 7.3536, 14.1018,
3.2781


■ 21.9267, 21.1172,
26.4296


 7.0888, 13.9767,
2.7506

 24.8960, 22.5514,
30.9316

 7.0193, 13.9435,
2.6333

 28.1837, 24.1399,
35.8892

 31.7988, 25.8873,
41.3149

 35.7501, 27.7976,
47.2205

Harmonies

Analogous

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



13.2852, 16.0909, 7.2718



11.5053, 16.0909, 10.2840



10.7478, 16.0909, 16.1011

Triad

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



11.5053, 16.0909, 10.2840



14.7900, 16.0909, 36.5140



20.4466, 16.0909, 12.1597

Complementary

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



11.5053, 16.0909, 10.2840



13.9505, 10.7537, 18.4807

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.



20.9694, 16.0909, 19.0205



11.5053, 16.0909, 10.2840



17.4955, 16.0909, 34.5541

Square

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



11.5053, 16.0909, 10.2840



12.4978, 16.0909, 32.3096



19.8344, 16.0909, 27.5397



18.4787, 16.0909, 8.1144

Rectangle

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



11.5053, 16.0909, 10.2840



10.8530, 16.0909, 21.3889



19.8344, 16.0909, 27.5397



20.8060, 16.0909, 14.1487

Sweetspot

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



11.5057, 16.0916, 10.2844



28.0807, 32.0858, 30.4048



15.8049, 18.3247, 9.7254



6.3334, 7.2944, 6.8168



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.5057, 16.0916, 10.2844



18.3722, 27.4099, 15.0821



12.4813, 16.4818, 15.4218



3.9640, 4.4552, 4.3444



7.3883, 14.6790, 2.7638



35.1010, 69.9634, 12.4358

Inverse Universe

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



13.9505, 10.7537, 18.4807



23.3148, 16.6113, 31.6474



12.7802, 10.2856, 12.3182



4.1399, 4.0717, 4.9342



11.4785, 5.5676, 16.3426



54.5924, 26.4933, 77.1067

Previews

White Background



This preview shows how the XYZ color 11.5053, 16.0909, 10.2840 looks on a white background.

Color Contrast Check

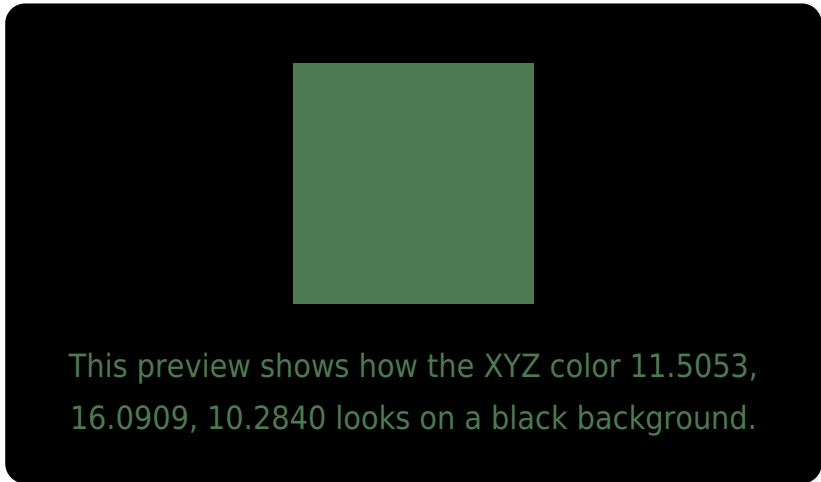
Large Text (above 18pt) WCAG AA ✓ Pass

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

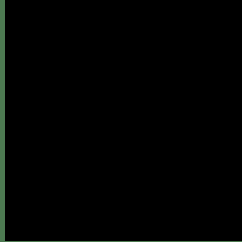
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5053, 16.0909, 10.2840

Background



This preview shows how black text looks on a background with the XYZ color 11.5053, 16.0909, 10.2840.



This preview shows how white text looks on a background with the XYZ color 11.5053, 16.0909,

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

11.5053, 16.0909, 10.2840

Protanopia

14.7347, 15.8838, 9.1267

Deuteranopia

16.2180, 15.9808, 10.6173



Tritanopia

13.8490, 15.9756, 22.0923

Trichromacy



Original Color

11.5053, 16.0909, 10.2840

Protanomaly

13.2148, 15.7546, 9.5522

Deuteranomaly

13.9110, 15.5924, 10.4601

Tritanomaly

12.8602, 15.9217, 17.1472

Monochromacy



Original Color

11.5053, 16.0909, 10.2840

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.4119, 14.5931, 13.2289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5053, 16.0909, 10.2840 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(77, 122, 81)` looks like.

```
.text, #text, p{  
    color:rgb(77, 122, 81)  
}
```

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(77, 122, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 122, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.5053, 16.0909, 10.2840 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(77, 122, 81) }
```


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

```
.border{ border-color:rgb(77, 122, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 122, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 122, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 122, 81);  
box-shadow:4px 4px 4px 4px rgb(77, 122,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5053, 16.0909, 10.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 122, 81) }
```

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

```
.background{ background-color: rgb(77, 122,  
81) }
```

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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