

Converting Colors

XYZ(11.0215, 15.3785, 11.0092)

Have a look what the booklet for
XYZ(11.0215, 15.3785, 11.0092)
contains.

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Color

**XYZ(11.1038, 15.5053,
11.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	497855
RGB	73, 120, 85
RGB Percent	29%, 47%, 33%
CMY	0.7137, 0.5294, 0.6667
CMYK	0.39, 0.00, 0.29, 0.53
HSL	135°, 24%, 38%
HSV	135°, 39%, 47%
XYZ	11.1038, 15.5053, 11.0019
YIQ	101.9570, -16.7770, -20.8490

Conversions

Conversions Part 2

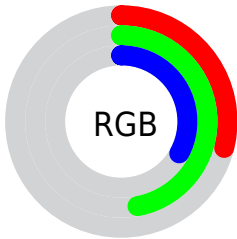
Format	Color
RYB	73, 110, 120
Decimal	4814933
CIELab	46.32, -24.19, 14.29
CIElCh	46, 28.096, 149.422
Yxy	15.5053, 0.2952, 0.4123
Android (android.graphics.Color)	4283005013 (0xFF497855)
YUV	101.9570, -8.3598, -25.3953
Hunter-Lab	39.3768, -18.5744, 10.9981

Details

The XYZ color **11.1038, 15.5053, 11.0019** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.8355, 9.8412, 15.4109**, and the grayscale version is **12.6427, 13.3011, 14.4849**.

A 20% lighter version of the original color is **27.6289, 35.9215, 28.3990**, and **3.0129, 4.8539, 2.7856** is the 20% darker color. If you saturate the color by 10%, you get **9.9480, 14.9484, 9.2103**, and if you desaturate by 10%, it is **12.4807, 16.1719, 13.0386**.

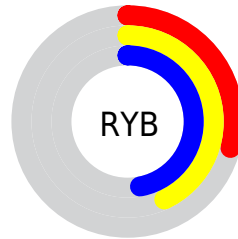
Distribution



Red (29%)

Green (47%)

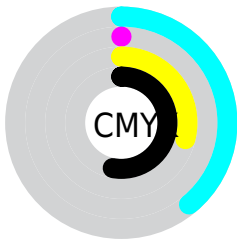
Blue (33%)



Red (29%)

Yellow (43%)

Blue (47%)

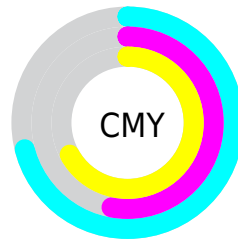


Cyan (39%)

Magenta (0%)

Yellow (29%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1038, 15.5053, 11.0019 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 11.1038, 15.5053, 11.0019 by changing the saturation by 10% instead.

■ 11.1038, 15.5053,
11.0019

■ 11.1038, 15.5053,
11.0019

192.2719,
226.4046, 208.4185

■ 6.2045, 9.1748,
5.9539

■ 27.4832, 35.7372,
28.3004

■ 3.0117, 4.8554,
2.7487

■ 39.6940, 50.4074,
41.3880

■ 1.1599, 2.1626,
0.9678

■ 55.0727, 68.6263,
57.9925

■ 0.0744, 0.6995,
0.0000

■ 73.9847, 90.7782,
78.5326

■ 0.0000, 0.0000,
0.0000

■ 96.7952, 117.2476,
103.4266

123.8697,

148.4189, 133.0933

155.5735,
184.6764, 167.9511

■ 11.1038, 15.5053,
11.0019

■ 11.1038, 15.5053,
11.0019

■ 9.9480, 14.9484,
9.2103

■ 12.4807, 16.1719,
13.0386

■ 9.0004, 14.4933,
7.6535

■ 14.0885, 16.9517,
15.3282

■ 8.2483, 14.1343,
6.3221

■ 15.9377, 17.8505,
17.8793

■ 7.6775, 13.8641,
5.2055

■ 18.0378, 18.8729,
20.6999

■ 7.2712, 13.6745,
4.2923

■ 20.3979, 20.0235,
23.7975

■ 6.9817, 13.5410,
3.5686

■ 23.0266, 21.3065,
27.1794

■ 6.9594, 13.5306,
3.5164

■ 25.9320, 22.7260,
30.8526

■ 29.1220, 24.2859,
34.8240

■ 32.6041, 25.9899,
39.1001

Harmonies

Analogous

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



12.5804, 15.5053, 7.7749



11.1038, 15.5053, 11.0019



10.5800, 15.5053, 16.7495

Triad

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



11.1038, 15.5053, 11.0019



14.6907, 15.5053, 33.8902



19.1433, 15.5053, 11.1767

Complementary

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



11.1038, 15.5053, 11.0019



12.8355, 9.8412, 15.4109

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.



19.8619, 15.5053, 17.0165



11.1038, 15.5053, 11.0019



17.1277, 15.5053, 31.2451

Square

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



11.1038, 15.5053, 11.0019



12.5078, 15.5053, 31.0442



19.0879, 15.5053, 24.5557



17.2171, 15.5053, 7.8548

Rectangle

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



11.1038, 15.5053, 11.0019



10.7922, 15.5053, 21.6806



19.0879, 15.5053, 24.5557



19.5428, 15.5053, 12.8505

Sweetspot

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



11.1042, 15.5059, 11.0022



26.9668, 30.8772, 29.9922



14.1344, 17.1186, 8.8627



6.3135, 7.2800, 7.0015



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.



11.1042, 15.5059, 11.0022



17.6855, 26.3816, 16.4996



12.1847, 15.9381, 16.6920



3.9890, 4.4652, 4.4759



7.5867, 14.7583, 3.8083



35.8903, 70.2792, 16.5924

Inverse Universe

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



12.8355, 9.8412, 15.4109



21.1811, 14.9273, 25.3882



11.7585, 9.4103, 9.7392



4.1129, 4.0609, 4.7919



10.4280, 5.1474, 10.8109



49.3845, 24.4102, 49.6825

Previews

White Background



This preview shows how the XYZ color 11.1038, 15.5053, 11.0019 looks on a white background.

Color Contrast Check

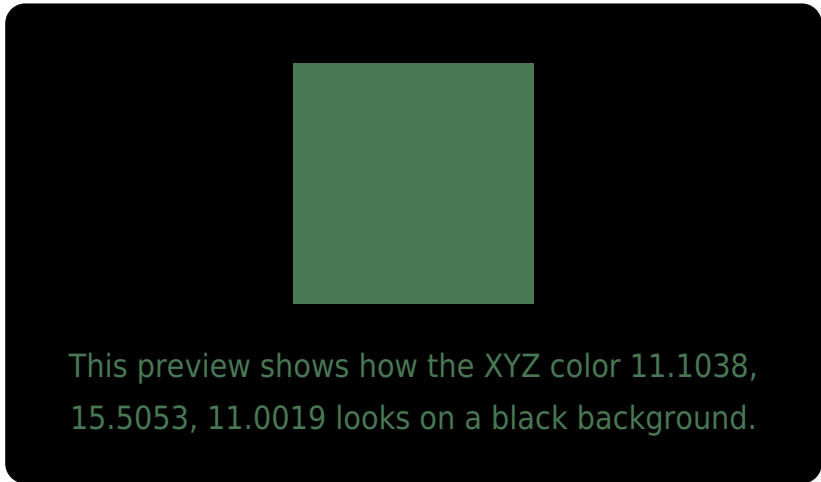
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1038, 15.5053, 11.0019

Background



This preview shows how black text looks on a background with the XYZ color 11.1038, 15.5053, 11.0019.



This preview shows how white text looks on a background with the XYZ color 11.1038, 15.5053,

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

11.1038, 15.5053, 11.0019

Protanopia

14.2527, 15.2984, 9.7911

Deuteranopia

15.5654, 15.3198, 11.3691



Tritanopia

13.1622, 15.4660, 21.3603

Trichromacy



Original Color

11.1038, 15.5053, 11.0019

Protanomaly

12.7949, 15.1862, 10.2395

Deuteranomaly

13.3596, 14.9658, 11.2014

Tritanomaly

12.3176, 15.4681, 17.0883

Monochromacy



Original Color

11.1038, 15.5053, 11.0019

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.8943, 14.0060, 13.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1038, 15.5053, 11.0019 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(73, 120, 85)` looks like.

```
.text, #text, p{  
    color:rgb(73, 120, 85)  
}
```

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(73, 120, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 120, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.1038, 15.5053, 11.0019 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(73, 120, 85) }
```


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

```
.border{ border-color:rgb(73, 120, 85) }
```

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

Here you see how a box with a 4 pixel rgb(73, 120, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 120, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 120, 85);  
box-shadow:4px 4px 4px 4px rgb(73, 120,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1038, 15.5053, 11.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 120, 85) }
```

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

```
.background{ background-color: rgb(73, 120,  
85) }
```

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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