

Converting Colors

XYZ(11.0378, 16.9858, 10.1309)

Have a look what the booklet for
XYZ(11.0378, 16.9858, 10.1309)
contains.

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Color

**XYZ(11.0549, 16.9950,
10.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	3D804F
RGB	61, 128, 79
RGB Percent	24%, 50%, 31%
CMY	0.7608, 0.4980, 0.6902
CMYK	0.52, 0.00, 0.38, 0.50
HSL	136°, 35%, 37%
HSV	136°, 52%, 50%
XYZ	11.0549, 16.9950, 10.0948
YIQ	102.3810, -24.2030, -29.4430

Conversions

Conversions Part 2

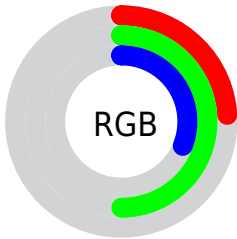
Format	Color
RYB	61, 114, 128
Decimal	4030543
CIELab	48.25, -32.89, 20.26
CIElCh	48, 38.630, 148.363
Yxy	16.9950, 0.2898, 0.4455
Android (android.graphics.Color)	4282220623 (0xFF3D804F)
YUV	102.3810, -11.5268, -36.2911
Hunter-Lab	41.2250, -24.2772, 14.3391

Details

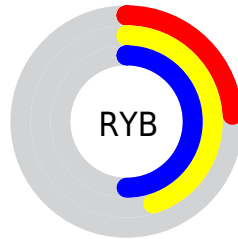
The XYZ color **11.0549, 16.9950, 10.0948** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.3858, 9.0527, 15.7942**, and the grayscale version is **12.7632, 13.4279, 14.6230**.

A 20% lighter version of the original color is **27.2964, 38.1434, 26.6926**, and **3.0131, 5.5643, 2.4286** is the 20% darker color. If you saturate the color by 10%, you get **10.0421, 16.5100, 8.3924**, and if you desaturate by 10%, it is **12.3047, 17.5976, 12.0596**.

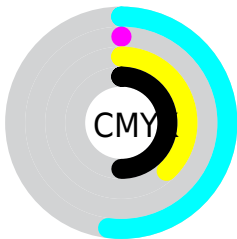
Distribution



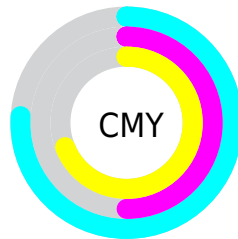
- Red (24%)
- Green (50%)
- Blue (31%)



- Red (24%)
- Yellow (45%)
- Blue (50%)



- Cyan (52%)
- Magenta (0%)
- Yellow (38%)
- Black (50%)





- Cyan (76%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0549, 16.9950, 10.0948 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 11.0549, 16.9950, 10.0948 by changing the saturation by 10% instead.


 11.0549, 16.9950,
10.0948


 11.0549, 16.9950,
10.0948


191.9443,
235.1436, 201.8567


 6.1713, 10.2309,
5.3554


 27.3937, 38.3172,
26.5843


 2.9912, 5.5523,
2.3949

 39.5796, 53.6441,
39.1714


 1.1491, 2.5748,
0.7837

 54.9304, 72.5940,
55.2116

 0.0656, 0.9140,
0.0000

 73.8114, 95.5514,
75.1234

 0.0000, 0.0000,
0.0000

 96.5879, 122.9007,
99.3252

123.6253,

155.0262, 128.2357

155.2890,
192.3124, 162.2733

■ 11.0549, 16.9950,
10.0948

■ 11.0549, 16.9950,
10.0948

■ 10.0421, 16.5100,
8.3924

■ 12.3047, 17.5976,
12.0596

■ 9.2493, 16.1326,
6.9401

■ 13.8044, 18.3228,
14.2961

■ 8.6595, 15.8548,
5.7263

■ 15.5674, 19.1777,
16.8146

■ 8.2522, 15.6663,
4.7380

■ 17.6057, 20.1684,
19.6245

■ 8.0139, 15.5568,
4.1234

■ 19.9307, 21.3006,
22.7347

■ 22.5531, 22.5795,
26.1538

■ 25.4830, 24.0102,
29.8900

■ 28.7300, 25.5976,
33.9512

■ 32.3035, 27.3462,
38.3452

Harmonies

Analogous

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



13.1503, 16.9950, 6.1628



11.0549, 16.9950, 10.0948



10.2951, 16.9950, 17.9571

Triad

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



11.0549, 16.9950, 10.0948



15.9609, 16.9950, 45.3826



22.8609, 16.9950, 10.7479

Complementary

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



11.0549, 16.9950, 10.0948



13.3858, 9.0527, 15.7942

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.



23.8954, 16.9950, 19.0632



11.0549, 16.9950, 10.0948



19.5817, 16.9950, 41.2999

Square

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



11.0549, 16.9950, 10.0948



12.8609, 16.9950, 40.3626



22.6183, 16.9950, 30.6289



19.9644, 16.9950, 6.4324

Rectangle

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



11.0549, 16.9950, 10.0948



10.5500, 16.9950, 25.2975



22.6183, 16.9950, 30.6289



23.4549, 16.9950, 13.0517

Sweetspot

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



11.0553, 16.9957, 10.0952



29.4927, 34.7768, 32.4973



15.0091, 19.0997, 7.3104



6.7618, 8.0726, 7.4111



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.0553, 16.9957, 10.0952



17.3548, 28.9119, 14.2013



12.5892, 17.6093, 18.1725



4.3198, 4.8363, 4.8554



7.9465, 15.4252, 4.0912



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3858, 9.0527, 15.7942



21.9252, 13.2787, 25.3369



11.8979, 8.4576, 7.9590



4.4504, 4.3933, 5.1762



10.8137, 5.3452, 10.8748



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.0549, 16.9950, 10.0948 looks on a white background.

Color Contrast Check

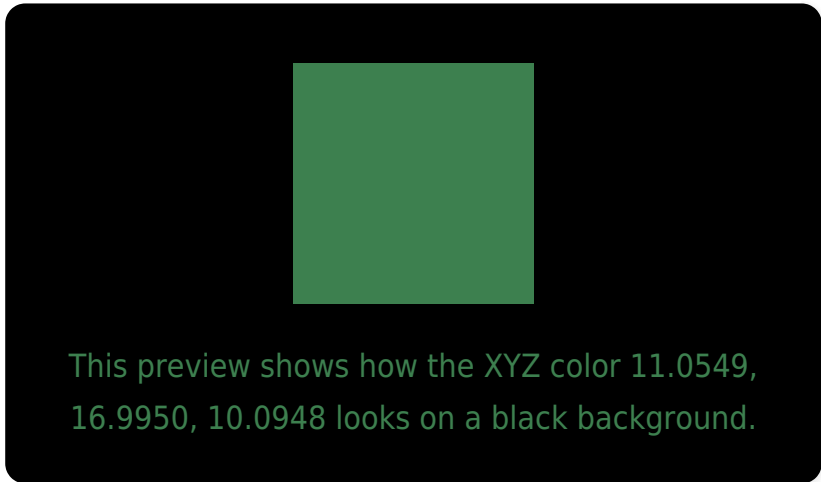
Large Text (above 18pt) WCAG AA ✓ Pass

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

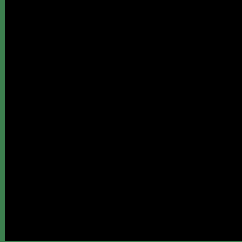
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0549, 16.9950, 10.0948

Background



This preview shows how black text looks on a background with the XYZ color 11.0549, 16.9950, 10.0948.



This preview shows how white text looks on a background with the XYZ color 11.0549, 16.9950,

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

11.0549, 16.9950, 10.0948

Protanopia

15.5321, 16.8008, 8.7276

Deuteranopia

17.0216, 16.7127, 10.5124



Tritanopia

13.9484, 17.0409, 24.3838

Trichromacy



Original Color

11.0549, 16.9950, 10.0948

Protanomaly

13.2337, 16.4684, 9.1378

Deuteranomaly

13.9527, 16.2881, 10.3912

Tritanomaly

12.6425, 16.8728, 18.2132

Monochromacy



Original Color

11.0549, 16.9950, 10.0948

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.6353, 14.2033, 12.7179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0549, 16.9950, 10.0948 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(61, 128, 79)` looks like.

```
.text, #text, p{  
    color:rgb(61, 128, 79)  
}
```

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(61, 128, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 128, 79) }
```

Border

The CSS property to change the border of an element to XYZ 11.0549, 16.9950, 10.0948 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(61, 128, 79) }
```


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

```
.border{ border-color:rgb(61, 128, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 128, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 128, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 128, 79);  
box-shadow:4px 4px 4px 4px rgb(61, 128,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0549, 16.9950, 10.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 128, 79) }
```

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

```
.background{ background-color: rgb(61, 128,  
79) }
```

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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