

Converting Colors

XYZ(11.2749, 15.4284, 10.1231)

Have a look what the booklet for
XYZ(11.2749, 15.4284, 10.1231)
contains.

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Color

**XYZ(11.3065, 15.4500,
10.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7751
RGB	79, 119, 81
RGB Percent	31%, 47%, 32%
CMY	0.6902, 0.5333, 0.6823
CMYK	0.34, 0.00, 0.32, 0.53
HSL	123°, 20%, 39%
HSV	123°, 34%, 47%
XYZ	11.3065, 15.4500, 10.1708
YIQ	102.7080, -11.6420, -20.2980

Conversions

Conversions Part 2

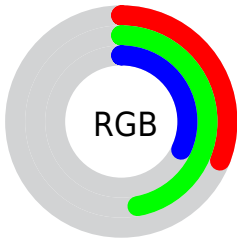
Format	Color
R_YB	79, 117, 119
Decimal	5207889
CIE _{Lab}	46.24, -22.39, 16.57
CIE _{LCh}	46, 27.856, 143.494
Yxy	15.4500, 0.3062, 0.4184
Android (android.graphics.Color)	4283397969 (0xFF4F7751)
YUV	102.7080, -10.7020, -20.7919
Hunter-Lab	39.3065, -17.4409, 12.1729

Details

The XYZ color **11.3065, 15.4500, 10.1708** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.6152, 10.7986, 18.1971**, and the grayscale version is **12.8449, 13.5138, 14.7166**.

A 20% lighter version of the original color is **27.8656, 35.5103, 26.8582**, and **3.0737, 4.7990, 2.4334** is the 20% darker color. If you saturate the color by 10%, you get **10.0147, 14.8295, 8.0787**, and if you desaturate by 10%, it is **12.8470, 16.1915, 12.6437**.

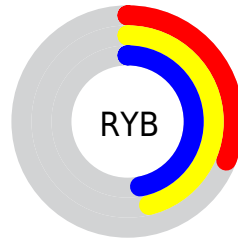
Distribution



Red (31%)

Green (47%)

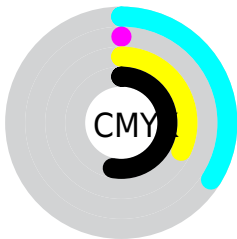
Blue (32%)



Red (31%)

Yellow (46%)

Blue (47%)

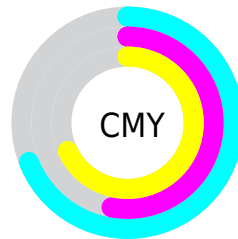


Cyan (34%)

Magenta (0%)

Yellow (32%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3065, 15.4500, 10.1708 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 11.3065, 15.4500, 10.1708 by changing the saturation by 10% instead.

■ 11.3065, 15.4500,
10.1708

■ 11.3065, 15.4500,
10.1708

193.6236,
226.0740, 202.4157

■ 6.3422, 9.1358,
5.4053

■ 27.8535, 35.6407,
26.7291

■ 3.0969, 4.8299,
2.4241

■ 40.1669, 50.2860,
39.3589

■ 1.2052, 2.1478,
0.7995

■ 55.6608, 68.4771,
55.4473

■ 0.1105, 0.6913,
0.0000

■ 74.7004, 90.5985,
75.4127

■ 0.0000, 0.0000,
0.0000

■ 97.6511, 117.0345,
99.6737

124.8783,

148.1694, 128.6488

156.7474,
184.3878, 162.7567

■ 11.3065, 15.4500,
10.1708

■ 11.3065, 15.4500,
10.1708

■ 10.0147, 14.8295,
8.0787

■ 12.8470, 16.1915,
12.6437

■ 8.9574, 14.3216,
6.3475

■ 14.6469, 17.0577,
15.5140

■ 8.1208, 13.9203,
4.9572

■ 16.7179, 18.0548,
18.7984

■ 7.4894, 13.6178,
3.8853

■ 19.0706, 19.1879,
22.5124

■ 7.0454, 13.4057,
3.1065

■ 21.7149, 20.4618,
26.6707

■ 6.7660, 13.2728,
2.5918

■ 24.6604, 21.8811,
31.2874

■ 6.6297, 13.2073,
2.3707

■ 27.9162, 23.4503,
36.3759

■ 31.4909, 25.1734,
41.9490

■ 35.3930, 27.0547,
48.0191

Harmonies

Analogous

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



12.9358, 15.4500, 7.4417



11.3065, 15.4500, 10.1708



10.5929, 15.4500, 15.3813

Triad

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



11.3065, 15.4500, 10.1708



14.1726, 15.4500, 33.4828



19.2917, 15.4500, 12.1220

Complementary

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



11.3065, 15.4500, 10.1708



13.6152, 10.7986, 18.1971

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.



19.7142, 15.4500, 18.3508



11.3065, 15.4500, 10.1708



16.5847, 15.4500, 31.9229

Square

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



11.3065, 15.4500, 10.1708



12.1283, 15.4500, 29.7014



18.6767, 15.4500, 25.8808



17.5774, 15.4500, 8.3371

Rectangle

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



11.3065, 15.4500, 10.1708



10.6710, 15.4500, 20.0680



18.6767, 15.4500, 25.8808



19.5967, 15.4500, 13.9471

Sweetspot

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



11.3069, 15.4507, 10.1711



27.4183, 31.1175, 29.6719



15.3449, 17.5408, 9.9743



6.4007, 7.3278, 6.8777



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.



11.3069, 15.4507, 10.1711



18.4925, 26.8233, 15.3759



12.1707, 15.7962, 14.7199



3.6474, 4.1009, 3.9769



7.0423, 14.0309, 2.5128



34.2240, 68.3369, 11.7505

Inverse Universe

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



13.6152, 10.7986, 18.1971



23.2703, 17.1913, 31.9863



12.5619, 10.3773, 12.6506



3.8191, 3.7549, 4.5742



11.2515, 5.4343, 17.0644



54.7338, 26.4436, 82.6504

Previews

White Background



This preview shows how the XYZ color 11.3065, 15.4500, 10.1708 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 11.3065, 15.4500, 10.1708 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 11.3065, 15.4500, 10.1708

Background



This preview shows how black text looks on a background with the XYZ color 11.3065, 15.4500, 10.1708.



This preview shows how white text looks on a background with the XYZ color 11.3065, 15.4500,

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

11.3065, 15.4500, 10.1708

Protanopia

14.2794, 15.3247, 9.2265

Deuteranopia

15.5539, 15.3324, 10.5272



Tritanopia

13.5229, 15.4909, 21.0162

Trichromacy



Original Color

11.3065, 15.4500, 10.1708

Protanomaly

12.9892, 15.3034, 9.4770

Deuteranomaly

13.5677, 15.0914, 10.3815

Tritanomaly

12.6083, 15.4583, 16.5066

Monochromacy



Original Color

11.3065, 15.4500, 10.1708

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.1503, 14.1432, 12.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3065, 15.4500, 10.1708 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(79, 119, 81)` looks like.

```
.text, #text, p{  
    color:rgb(79, 119, 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(79, 119, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 119, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.3065, 15.4500, 10.1708 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(79, 119, 81) }
```


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

```
.border{ border-color:rgb(79, 119, 81) }
```

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

Here you see how a box with a 4 pixel rgb(79, 119, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 119, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 119, 81);  
box-shadow:4px 4px 4px 4px rgb(79, 119,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3065, 15.4500, 10.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 119, 81) }
```

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

```
.background{ background-color: rgb(79, 119,  
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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