

Converting Colors

XYZ(15.5194, 18.1552, 15.3550)

Have a look what the booklet for
XYZ(15.5194, 18.1552, 15.3550)
contains.

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Color

**XYZ(15.5446, 18.2510,
15.2739)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7B66
RGB	107, 123, 102
RGB Percent	42%, 48%, 40%
CMY	0.5804, 0.5176, 0.6000
CMYK	0.13, 0.00, 0.17, 0.52
HSL	106°, 9%, 44%
HSV	106°, 17%, 48%
XYZ	15.5446, 18.2510, 15.2739
YIQ	115.8220, -2.7950, -9.9230

Conversions

Conversions Part 2

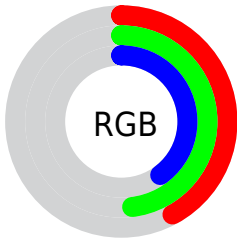
Format	Color
R_{YB}	102, 123, 118
Decimal	7043942
CIE _{Lab}	49.80, -10.18, 9.53
CIE _{LCh}	50, 13.947, 136.906
Yxy	18.2510, 0.3168, 0.3719
Android (android.graphics.Color)	4285234022 (0xFF6B7B66)
YUV	115.8220, -6.8142, -7.7369
Hunter-Lab	42.7212, -9.8128, 8.7072

Details

The XYZ color **15.5446, 18.2510, 15.2739** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7985, 14.7849, 20.7609**, and the grayscale version is **16.5671, 17.4299, 18.9812**.

A 20% lighter version of the original color is **35.1803, 40.2290, 36.0478**, and **4.9420, 6.1032, 4.5320** is the 20% darker color. If you saturate the color by 10%, you get **13.9130, 17.4758, 12.2461**, and if you desaturate by 10%, it is **17.3899, 19.1270, 18.7850**.

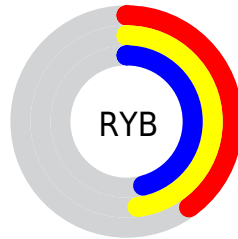
Distribution



Red (42%)

Green (48%)

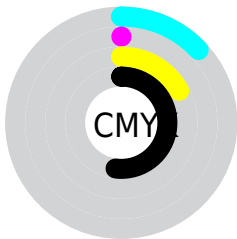
Blue (40%)



Red (40%)

Yellow (48%)

Blue (46%)

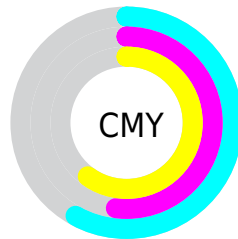


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (52%)



Cyan (58%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5446, 18.2510, 15.2739 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 15.5446, 18.2510, 15.2739 by changing the saturation by 10% instead.

■ 15.5446, 18.2510,
15.2739

■ 15.5446, 18.2510,
15.2739

219.9629,
242.2820, 236.7157

■ 9.2913, 11.1303,
8.8631

■ 35.3696, 40.4646,
36.0820

■ 4.9903, 6.1546,
4.5564

■ 49.6721, 56.3263,
51.3165

■ 2.2763, 2.9393,
1.9353

■ 67.3883, 75.8704,
70.3292

■ 0.7825, 1.1001,
0.5150

■ 88.8836, 99.4814,
93.5387

■ 0.0000, 0.0000,
0.0000

114.5233,
127.5437, 121.3635

144.6729,

160.4416, 154.2223

179.6976,
198.5596, 192.5335

■ 15.5446, 18.2510,
15.2739

■ 15.5446, 18.2510,
15.2739

■ 13.9130, 17.4758,
12.2461

■ 17.3899, 19.1270,
18.7850

■ 12.4858, 16.7953,
9.6793

■ 19.4548, 20.1048,
22.7981

■ 11.2551, 16.2067,
7.5513

■ 21.7469, 21.1885,
27.3322

■ 10.2120, 15.7058,
5.8374

■ 24.2730, 22.3811,
32.4050

■ 9.3467, 15.2882,
4.5106

■ 27.0395, 23.6855,
38.0335

■ 8.6488, 14.9492,
3.5408

■ 30.0526, 25.1047,
44.2338

■ 8.1063, 14.6833,
2.8932

■ 33.3183, 26.6414,
51.0215

■ 7.6994, 14.4819,
2.4928

■ 36.8423, 28.2982,
58.4114

■ 7.5979, 14.4319,
2.3852

■ 40.6303, 30.0777,
66.4179

Harmonies

Analogous

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



16.6134, 18.2510, 13.6525



15.5446, 18.2510, 15.2739



14.9720, 18.2510, 18.2577

Triad

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



15.5446, 18.2510, 15.2739



16.7737, 18.2510, 27.8995



19.9125, 18.2510, 17.8162

Complementary

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



15.5446, 18.2510, 15.2739



15.7985, 14.7849, 20.7609

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.



19.9608, 18.2510, 21.5792



15.5446, 18.2510, 15.2739



18.1019, 18.2510, 27.7416

Square

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



15.5446, 18.2510, 15.2739



15.6568, 18.2510, 25.7190



19.2837, 18.2510, 25.3116



19.1548, 18.2510, 14.9864

Rectangle

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



15.5446, 18.2510, 15.2739



14.9285, 18.2510, 20.7666



19.2837, 18.2510, 25.3116



20.0136, 18.2510, 19.0039

Sweetspot

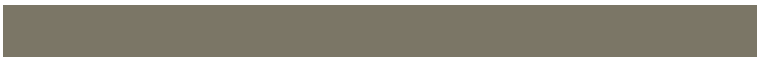
The Sweet Spot groups the original color and five complimentary colors.



15.5451, 18.2518, 15.2743



31.8295, 34.5770, 34.9680



17.0164, 18.0691, 15.1615



7.4475, 8.1203, 8.1413



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.



15.5451, 18.2518, 15.2743



26.7951, 32.1882, 25.4027



15.2300, 18.0583, 16.6623



4.0320, 4.4918, 4.2790



7.8552, 14.9267, 2.4671



36.8210, 70.8673, 11.7381

Inverse Universe

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



15.7985, 14.7849, 20.7609



27.3266, 24.9077, 36.9240



16.1756, 15.0163, 19.1084



4.0657, 4.0317, 5.0071



8.4393, 3.9234, 19.6978



39.4709, 18.3100, 93.9236

Previews

White Background



This preview shows how the XYZ color 15.5446, 18.2510, 15.2739 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 15.5446, 18.2510, 15.2739 looks on a black 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

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

XYZ 15.5446, 18.2510, 15.2739

Background



This preview shows how black text looks on a background with the XYZ color 15.5446, 18.2510, 15.2739.



This preview shows how white text looks on a background with the XYZ color 15.5446, 18.2510,

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

15.5446, 18.2510, 15.2739

Protanopia

17.1880, 18.2177, 14.4148

Deuteranopia

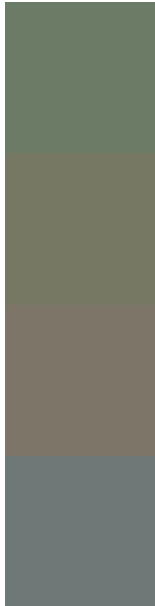
18.5077, 18.1850, 15.6313



Tritanopia

17.1148, 18.1581, 23.3717

Trichromacy



Original Color

15.5446, 18.2510, 15.2739

Protanomaly

16.4879, 18.2046, 14.7014

Deuteranomaly

17.2669, 18.0618, 15.4082

Tritanomaly

16.4767, 18.0798, 20.0741

Monochromacy



Original Color

15.5446, 18.2510, 15.2739

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2761, 17.8521, 17.6269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5446, 18.2510, 15.2739 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(107, 123, 102)` looks like.

```
.text, #text, p{  
    color:rgb(107, 123, 102)  
}
```

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(107, 123, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 123, 102) }
```

Border

The CSS property to change the border of an element to XYZ 15.5446, 18.2510, 15.2739 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(107, 123, 102) }
```


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

```
.border{ border-color:rgb(107, 123, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 123, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 123, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 123, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 123,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5446, 18.2510, 15.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 123, 102) }
```

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

```
.background{ background-color: rgb(107,  
123, 102) }
```

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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