

Converting Colors

XYZ(14.4321, 18.5270, 15.3125)

Have a look what the booklet for
XYZ(14.4321, 18.5270, 15.3125)
contains.

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Color

**XYZ(14.5311, 18.6730,
15.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8066
RGB	92, 128, 102
RGB Percent	36%, 50%, 40%
CMY	0.6392, 0.4980, 0.6000
CMYK	0.28, 0.00, 0.20, 0.50
HSL	137°, 16%, 43%
HSV	137°, 28%, 50%
XYZ	14.5311, 18.6730, 15.4087
YIQ	114.2720, -13.1100, -15.7180

Conversions

Conversions Part 2

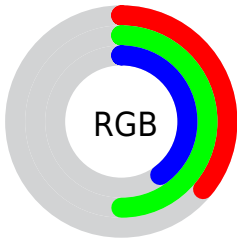
Format	Color
R_{YB}	92, 120, 128
Decimal	6062182
CIE _{Lab}	50.30, -18.43, 10.09
CIE _{LCh}	50, 21.012, 151.298
Yxy	18.6730, 0.2989, 0.3841
Android (android.graphics.Color)	4284252262 (0xFF5C8066)
YUV	114.2720, -6.0501, -19.5325
Hunter-Lab	43.2123, -15.5968, 9.1069

Details

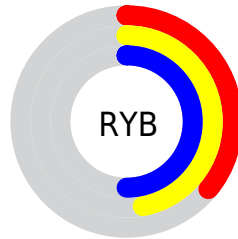
The XYZ color **14.5311, 18.6730, 15.4087** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.9999, 13.5520, 18.9130**, and the grayscale version is **16.0968, 16.9351, 18.4423**.

A 20% lighter version of the original color is **33.6013, 41.1873, 36.3160**, and **4.5243, 6.4033, 4.6119** is the 20% darker color. If you saturate the color by 10%, you get **12.9257, 17.8960, 13.0724**, and if you desaturate by 10%, it is **16.4047, 19.5835, 18.0253**.

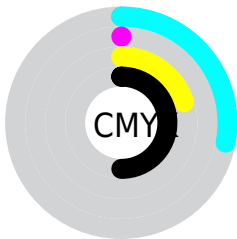
Distribution



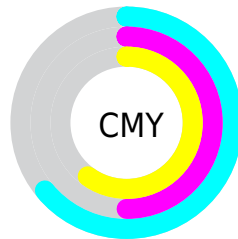
- Red (36%)
- Green (50%)
- Blue (40%)



- Red (36%)
- Yellow (47%)
- Blue (50%)



- Cyan (28%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5311, 18.6730, 15.4087 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 14.5311, 18.6730, 15.4087 by changing the saturation by 10% instead.

■ 14.5311, 18.6730,
15.4087

■ 14.5311, 18.6730,
15.4087

213.9554,
244.6375, 237.5522

■ 8.5751, 11.4342,
8.9569

■ 33.6069, 41.1808,
36.3210

■ 4.5200, 6.3597,
4.6167

■ 47.4575, 57.2186,
51.6185

■ 2.0003, 3.0650,
1.9694

■ 64.6703, 76.9583,
70.7018

■ 0.6341, 1.1658,
0.5364

■ 85.6107, 100.7842,
93.9893

■ 0.0000, 0.0335,
0.0000

110.6440,
129.0806, 121.8995

■ 0.0000, 0.0000,
0.0000

140.1357,

162.2321, 154.8511

174.4510,
200.6229, 193.2624

■ 14.5311, 18.6730,
15.4087

■ 14.5311, 18.6730,
15.4087

■ 12.9257, 17.8960,
13.0724

■ 16.4047, 19.5835,
18.0253

■ 11.5745, 17.2438,
11.0058

■ 18.5568, 20.6308,
20.9299

■ 10.4645, 16.7104,
9.1996

■ 20.9988, 21.8214,
24.1313

■ 9.5808, 16.2883,
7.6433

■ 23.7410, 23.1603,
27.6377

■ 8.9068, 15.9693,
6.3257

■ 26.7935, 24.6525,
31.4568

■ 8.4235, 15.7438,
5.2349

■ 30.1655, 26.3027,
35.5962

■ 8.0880, 15.5899,
4.3568

■ 33.8661, 28.1154,
40.0631

■ 8.0312, 15.5638,
4.2144

■ 37.9039, 30.0949,
44.8647

■ 42.2872, 32.2453,
50.0076

Harmonies

Analogous

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



15.7912, 18.6730, 12.1777



14.5311, 18.6730, 15.4087



14.1150, 18.6730, 20.5867

Triad

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



14.5311, 18.6730, 15.4087



17.8370, 18.6730, 33.7261



21.3077, 18.6730, 15.0459

Complementary

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



14.5311, 18.6730, 15.4087



15.9999, 13.5520, 18.9130

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.



21.9566, 18.6730, 20.0788



14.5311, 18.6730, 15.4087



19.8604, 18.6730, 31.4950

Square

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



14.5311, 18.6730, 15.4087



15.9337, 18.6730, 31.8363



21.4080, 18.6730, 26.2053



19.6953, 18.6730, 11.9981

Rectangle

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



14.5311, 18.6730, 15.4087



14.3449, 18.6730, 24.6818



21.4080, 18.6730, 26.2053



21.6510, 18.6730, 16.5253

Sweetspot

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



14.5316, 18.6738, 15.4091



32.6470, 36.3106, 36.8174



17.1773, 20.0916, 13.0982



7.5192, 8.4407, 8.4543



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.



14.5316, 18.6738, 15.4091



23.6509, 31.9398, 24.3366



15.4994, 19.0609, 20.5053



4.3213, 4.8369, 4.8634



7.9637, 15.4320, 4.1815



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9999, 13.5520, 18.9130



26.6972, 21.3069, 31.6006



15.0495, 13.1718, 13.9079



4.4488, 4.3927, 5.1678



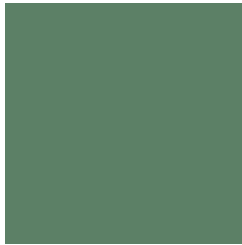
10.7626, 5.3247, 10.6054



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5311, 18.6730, 15.4087 looks on a white 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

Black Background



This preview shows how the XYZ color 14.5311, 18.6730, 15.4087 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 14.5311, 18.6730, 15.4087

Background



This preview shows how black text looks on a background with the XYZ color 14.5311, 18.6730, 15.4087.



This preview shows how white text looks on a background with the XYZ color 14.5311, 18.6730,

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

14.5311, 18.6730, 15.4087

Protanopia

17.4056, 18.5111, 14.2109

Deuteranopia

18.8339, 18.5156, 15.9458



Tritanopia

16.5477, 18.7332, 25.2980

Trichromacy



Original Color

14.5311, 18.6730, 15.4087

Protanomaly

16.1511, 18.3973, 14.5042

Deuteranomaly

16.9609, 18.4255, 15.7592

Tritanomaly

15.6703, 18.5592, 21.1687

Monochromacy



Original Color

14.5311, 18.6730, 15.4087

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3552, 17.3836, 17.2979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5311, 18.6730, 15.4087 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(92, 128, 102)` looks like.

```
.text, #text, p{  
    color:rgb(92, 128, 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(92, 128, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 128, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.5311, 18.6730, 15.4087 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(92, 128, 102) }
```


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

```
.border{ border-color:rgb(92, 128, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 128, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 128, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 128, 102);  
box-shadow:4px 4px 4px 4px rgb(92, 128,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5311, 18.6730, 15.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 128, 102) }
```

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

```
.background{ background-color: rgb(92, 128,  
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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