

Converting Colors

XYZ(14.5059, 18.1550, 11.8566)

Have a look what the booklet for
XYZ(14.5059, 18.1550, 11.8566)
contains.

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Color

**XYZ(14.5334, 18.1801,
11.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	667D57
RGB	102, 125, 87
RGB Percent	40%, 49%, 34%
CMY	0.6000, 0.5098, 0.6588
CMYK	0.18, 0.00, 0.30, 0.51
HSL	96°, 18%, 42%
HSV	96°, 30%, 49%
XYZ	14.5334, 18.1801, 11.7599
YIQ	113.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

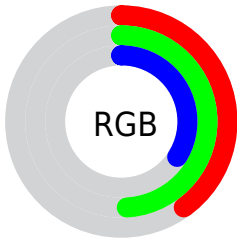
Format	Color
R_{YB}	87, 125, 110
Decimal	6716759
CIE Lab	49.71, -15.88, 18.05
CIE LCh	50, 24.044, 131.332
Yxy	18.1801, 0.3268, 0.4088
Android (android.graphics.Color)	4284906839 (0xFF667D57)
YUV	113.7910, -13.2080, -10.3407
Hunter-Lab	42.6381, -13.7742, 13.4941

Details

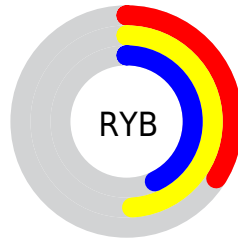
The XYZ color **14.5334, 18.1801, 11.7599** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.5409, 11.6125, 20.9307**, and the grayscale version is **15.9706, 16.8023, 18.2977**.

A 20% lighter version of the original color is **33.7622, 40.5170, 29.7080**, and **4.5060, 6.1132, 3.0403** is the 20% darker color. If you saturate the color by 10%, you get **13.2477, 17.5718, 9.2608**, and if you desaturate by 10%, it is **15.9868, 18.8657, 14.7293**.

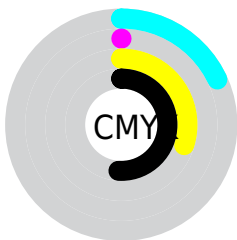
Distribution



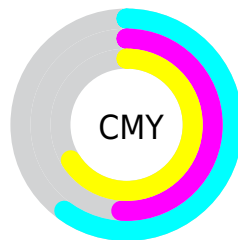
- Red (40%)
- Green (49%)
- Blue (34%)



- Red (34%)
- Yellow (49%)
- Blue (43%)



- Cyan (18%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5334, 18.1801, 11.7599 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 14.5334, 18.1801, 11.7599 by changing the saturation by 10% instead.

■ 14.5334, 18.1801,
11.7599

■ 14.5334, 18.1801,
11.7599

213.9692,
241.8842, 213.7304

■ 8.5768, 11.0794,
6.4599

■ 33.6109, 40.3440,
29.7149

■ 4.5210, 6.1202,
3.0534

■ 47.4625, 56.1759,
43.2069

■ 2.0009, 2.9183,
1.1220

■ 64.6765, 75.6870,
60.2666

■ 0.6345, 1.0892,
0.0000

■ 85.6182, 99.2617,
81.3127

■ 0.0000, 0.0000,
0.0000

■ 110.6529,
127.2844, 106.7635

140.1461,

160.1394, 137.0377

174.4631,
198.2113, 172.5539

■ 14.5334, 18.1801,
11.7599

■ 14.5334, 18.1801,
11.7599

■ 13.2477, 17.5718,
9.2608

■ 15.9868, 18.8657,
14.7293

■ 12.1216, 17.0356,
7.2068

■ 17.6127, 19.6290,
18.1902

■ 11.1486, 16.5692,
5.5720

■ 19.4175, 20.4733,
22.1639

■ 10.3207, 16.1691,
4.3272

■ 21.4068, 21.4011,
26.6703

■ 9.6294, 15.8316,
3.4399

■ 23.5860, 22.4148,
31.7279

■ 9.0651, 15.5527,
2.8720

■ 25.9600, 23.5166,
37.3546

■ 8.6170, 15.3294,
2.5047

■ 28.5339, 24.7087,
43.5673

■ 31.3124, 25.9931,
50.3824

■ 34.3000, 27.3718,
57.8154

Harmonies

Analogous

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



16.4293, 18.1801, 9.8312



14.5334, 18.1801, 11.7599



13.4370, 18.1801, 16.0291

Triad

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



14.5334, 18.1801, 11.7599



15.9091, 18.1801, 34.2956



21.9633, 18.1801, 17.4205

Complementary

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



14.5334, 18.1801, 11.7599



13.5409, 11.6125, 20.9307

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.



21.7927, 18.1801, 24.1089



14.5334, 18.1801, 11.7599



18.1588, 18.1801, 34.9011

Square

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



14.5334, 18.1801, 11.7599



14.1816, 18.1801, 29.3389



20.3517, 18.1801, 30.8460



20.7989, 18.1801, 12.5841

Rectangle

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



14.5334, 18.1801, 11.7599



13.2432, 18.1801, 20.0895



20.3517, 18.1801, 30.8460



22.0627, 18.1801, 19.5034

Sweetspot

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



14.5339, 18.1809, 11.7603



31.9041, 35.3203, 33.3659



15.7328, 16.1575, 11.3066



7.1712, 7.9938, 7.4032



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.



14.5339, 18.1809, 11.7603



24.5020, 31.8352, 18.0698



13.1443, 17.4461, 12.5273



4.4242, 4.8951, 4.6318



8.9856, 15.9946, 2.6137



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.5409, 11.6125, 20.9307



22.4413, 18.2189, 37.0782



15.3298, 12.5622, 19.7711



4.3389, 4.3303, 5.4204



6.9381, 3.1304, 20.4885



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5334, 18.1801, 11.7599 looks on a white background.

Color Contrast Check

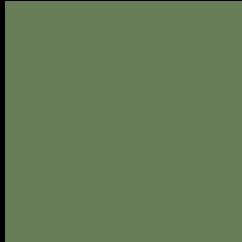
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5334, 18.1801, 11.7599 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

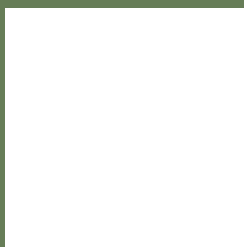
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5334, 18.1801, 11.7599

Background



This preview shows how black text looks on a background with the XYZ color 14.5334, 18.1801, 11.7599.



This preview shows how white text looks on a background with the XYZ color 14.5334, 18.1801,

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

14.5334, 18.1801, 11.7599

Protanopia

16.8311, 18.1090, 10.9958

Deuteranopia

18.3981, 18.0374, 12.1847



Tritanopia

16.8633, 18.2061, 23.3942

Trichromacy



Original Color

14.5334, 18.1801, 11.7599

Protanomaly

15.9483, 18.1822, 11.2633

Deuteranomaly

16.7686, 17.8795, 12.0185

Tritanomaly

15.9407, 18.1981, 18.5920

Monochromacy



Original Color

14.5334, 18.1801, 11.7599

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4075, 17.2713, 15.6183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5334, 18.1801, 11.7599 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(102, 125, 87)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 87)  
}
```

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(102, 125, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.5334, 18.1801, 11.7599 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(102, 125, 87) }
```


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

```
.border{ border-color:rgb(102, 125, 87) }
```

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

Here you see how a box with a 4 pixel rgb(102, 125, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 87);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5334, 18.1801, 11.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 87) }
```

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

```
.background{ background-color: rgb(102,  
125, 87) }
```

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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