

Converting Colors

XYZ(14.5011, 18.4766, 8.7074)

Have a look what the booklet for
XYZ(14.5011, 18.4766, 8.7074)
contains.

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Color

**XYZ(14.4239, 18.3799,
8.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	697E47
RGB	105, 126, 71
RGB Percent	41%, 49%, 28%
CMY	0.5882, 0.5059, 0.7216
CMYK	0.17, 0.00, 0.44, 0.51
HSL	83°, 28%, 39%
HSV	83°, 44%, 49%
XYZ	14.4239, 18.3799, 8.7487
YIQ	113.4510, 5.1390, -21.5570

Conversions

Conversions Part 2

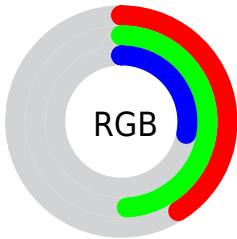
Format	Color
R_{YB}	71, 126, 92
Decimal	6913607
CIE _{Lab}	49.95, -17.59, 27.41
CIE _{LCh}	50, 32.567, 122.684
Yxy	18.3799, 0.3471, 0.4423
Android (android.graphics.Color)	4285103687 (0xFF697E47)
YUV	113.4510, -20.9283, -7.4115
Hunter-Lab	42.8718, -14.9706, 17.9111

Details

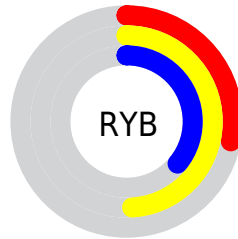
The XYZ color **14.4239, 18.3799, 8.7487** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.4335, 8.2887, 20.7897**, and the grayscale version is **15.8899, 16.7174, 18.2052**.

A 20% lighter version of the original color is **33.4149, 40.7644, 23.8765**, and **4.4602, 6.2187, 1.8850** is the 20% darker color. If you saturate the color by 10%, you get **13.5116, 17.9522, 6.8097**, and if you desaturate by 10%, it is **15.4529, 18.8593, 11.1317**.

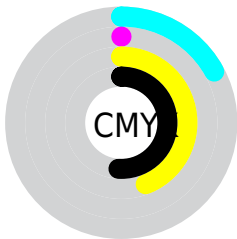
Distribution



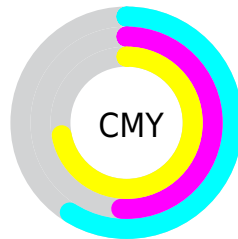
- Red (41%)
- Green (49%)
- Blue (28%)



- Red (28%)
- Yellow (49%)
- Blue (36%)



- Cyan (17%)
- Magenta (0%)
- Yellow (44%)
- Black (51%)



- Cyan (59%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4239, 18.3799, 8.7487 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 14.4239, 18.3799, 8.7487 by changing the saturation by 10% instead.

■ 14.4239, 18.3799,
8.7487

■ 14.4239, 18.3799,
8.7487

213.3105,
243.0037, 191.6405

■ 8.4997, 11.2231,
4.4831

■ 33.4193, 40.6836,
23.9836

■ 4.4708, 6.2171,
1.8939

■ 47.2213, 56.5993,
35.7899

■ 1.9718, 2.9775,
0.4889

■ 64.3800, 76.2034,
50.9469

■ 0.6180, 1.1200,
0.0000

■ 85.2606, 99.8803,
69.8731

■ 0.0000, 0.0000,
0.0000

■ 110.2286,
128.0143, 92.9870

139.6494,

160.9900, 120.7072

173.8882,
199.1917, 153.4522

■ 14.4239, 18.3799,
8.7487

■ 14.4239, 18.3799,
8.7487

■ 13.5116, 17.9522,
6.8097

■ 15.4529, 18.8593,
11.1317

■ 12.7091, 17.5713,
5.2860

■ 16.6027, 19.3901,
13.9828

■ 12.0103, 17.2356,
4.1474

■ 17.8785, 19.9751,
17.3256

■ 11.4081, 16.9419,
3.3590

■ 19.2850, 20.6163,
21.1819

■ 10.8935, 16.6868,
2.8765

■ 20.8266, 21.3155,
25.5720

■ 10.5939, 16.5374,
2.6337

■ 22.5073, 22.0743,
30.5154

■ 24.3312, 22.8943,
36.0303

■ 26.3020, 23.7772,
42.1343

■ 28.4232, 24.7245,
48.8442

Harmonies

Analogous

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



17.1900, 18.3799, 7.2820



14.4239, 18.3799, 8.7487



12.6597, 18.3799, 13.1135

Triad

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



14.4239, 18.3799, 8.7487



14.8567, 18.3799, 39.5068



24.1793, 18.3799, 19.2183

Complementary

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



14.4239, 18.3799, 8.7487



10.4335, 8.2887, 20.7897

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.



23.3652, 18.3799, 28.9857



14.4239, 18.3799, 8.7487



17.7522, 18.3799, 42.5705

Square

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



14.4239, 18.3799, 8.7487



12.8879, 18.3799, 30.8076



20.9163, 18.3799, 38.2534



23.0257, 18.3799, 12.0895

Rectangle

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



14.4239, 18.3799, 8.7487



12.1656, 18.3799, 17.9018



20.9163, 18.3799, 38.2534



24.1268, 18.3799, 22.2831

Sweetspot

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



14.4244, 18.3807, 8.7491



31.5505, 35.1963, 30.7156



13.4975, 12.4019, 7.6439



7.0768, 7.9603, 6.7198



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.



14.4244, 18.3807, 8.7491



23.8482, 31.6292, 12.1192



11.7680, 17.0113, 8.6248



4.5112, 4.9400, 4.6359



10.8630, 16.9625, 2.7015



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.4335, 8.2887, 20.7897



15.9003, 11.5110, 36.1282



13.5819, 9.9117, 20.9370



4.2520, 4.2855, 5.4164



5.1150, 2.1906, 20.4032



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4239, 18.3799, 8.7487 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 14.4239, 18.3799, 8.7487 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 14.4239, 18.3799, 8.7487

Background



This preview shows how black text looks on a background with the XYZ color 14.4239, 18.3799, 8.7487.



This preview shows how white text looks on a background with the XYZ color 14.4239, 18.3799,

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

14.4239, 18.3799, 8.7487

Protanopia

16.8461, 18.3568, 8.1242

Deuteranopia

18.4689, 18.1443, 9.0074



Tritanopia

17.3693, 18.2893, 23.3836

Trichromacy



Original Color

14.4239, 18.3799, 8.7487

Protanomaly

15.9189, 18.4137, 8.3454

Deuteranomaly

16.7343, 18.1050, 8.9160

Tritanomaly

16.0967, 18.3168, 16.8745

Monochromacy



Original Color

14.4239, 18.3799, 8.7487

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1134, 17.1537, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4239, 18.3799, 8.7487 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(105, 126, 71)` looks like.

```
.text, #text, p{  
    color:rgb(105, 126, 71)  
}
```

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(105, 126, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 126, 71) }
```

Border

The CSS property to change the border of an element to XYZ 14.4239, 18.3799, 8.7487 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(105, 126, 71) }
```


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

```
.border{ border-color:rgb(105, 126, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 126, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 126, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 126, 71);  
box-shadow:4px 4px 4px 4px rgb(105, 126,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4239, 18.3799, 8.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 126, 71) }
```

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

```
.background{ background-color: rgb(105,  
126, 71) }
```

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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