

Converting Colors

XYZ(15.7273, 13.9509, 18.4968)

Have a look what the booklet for
XYZ(15.7273, 13.9509, 18.4968)
contains.

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Color

**XYZ(15.6474, 13.9118,
18.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6074
RGB	124, 96, 116
RGB Percent	49%, 38%, 45%
CMY	0.5137, 0.6235, 0.5451
CMYK	0.00, 0.23, 0.06, 0.51
HSL	317°, 13%, 43%
HSV	317°, 23%, 49%
XYZ	15.6474, 13.9118, 18.3835
YIQ	106.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

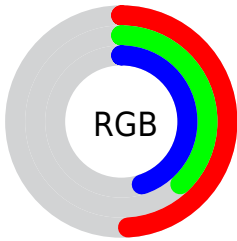
Format	Color
R_{YB}	124, 96, 116
Decimal	8151156
CIE _{Lab}	44.11, 14.96, -6.91
CIE _{LCh}	44, 16.474, 335.206
Yxy	13.9118, 0.3264, 0.2902
Android (android.graphics.Color)	4286341236 (0xFF7C6074)
YUV	106.6520, 4.6086, 15.2142
Hunter-Lab	37.2985, 9.6115, -3.1136

Details

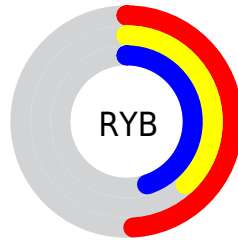
The XYZ color **15.6474, 13.9118, 18.3835** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5308, 17.9019, 15.7871**, and the grayscale version is **13.8649, 14.5870, 15.8852**.

A 20% lighter version of the original color is **35.6331, 33.0417, 41.5454**, and **5.0434, 4.1098, 5.9963** is the 20% darker color. If you saturate the color by 10%, you get **14.4020, 11.7444, 16.9709**, and if you desaturate by 10%, it is **17.0800, 16.4405, 19.8976**.

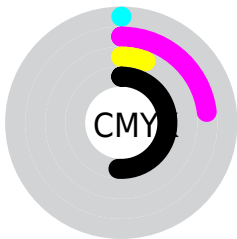
Distribution



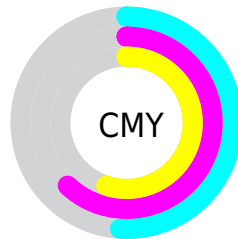
- Red (49%)
- Green (38%)
- Blue (45%)



- Red (49%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6474, 13.9118, 18.3835 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 15.6474, 13.9118, 18.3835 by changing the saturation by 10% instead.

■ 15.6474, 13.9118,
18.3835

■ 15.6474, 13.9118,
18.3835

220.5635,
216.6814, 255.3322

■ 9.3643, 8.0593,
11.0534

■ 35.5474, 32.9324,
41.5125

■ 5.0385, 4.1329,
5.9881

■ 49.8950, 46.8694,
58.1484

■ 2.3049, 1.7482,
2.7692

■ 67.6614, 64.2701,
78.7233

■ 0.7972, 0.4546,
0.9780

■ 89.2120, 85.5187,
103.6558

■ 0.0000, 0.0000,
0.0000

114.9121,
110.9998, 133.3644

145.1272,

141.0976, 168.2676

180.2226,
176.1967, 208.7840

■ 15.6474, 13.9118,
18.3835

■ 15.6474, 13.9118,
18.3835

■ 14.4020, 11.7444,
16.9709

■ 17.0800, 16.4405,
19.8976

■ 13.3341, 9.9198,
15.6557

■ 18.7063, 19.3443,
21.5153

■ 12.4350, 8.4204,
14.4347

■ 20.5343, 22.6386,
23.2399

■ 11.6948, 7.2266,
13.3042

■ 22.5710, 26.3372,
25.0740

■ 11.1024, 6.3166,
12.2600

■ 24.8230, 30.4533,
27.0204

■ 10.6454, 5.6654,
11.2975

■ 27.2967, 34.9997,
29.0815

■ 10.3090, 5.2437,
10.4113

■ 29.9982, 39.9883,
31.2598

■ 10.0973, 4.9992,
9.7893

■ 32.9335, 45.4308,
33.5575

■ 36.1081, 51.3384,
35.9771

Harmonies

Analogous

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



14.7309, 13.9118, 21.8502



15.6474, 13.9118, 18.3835



15.8972, 13.9118, 14.5015

Triad

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



15.6474, 13.9118, 18.3835



12.9952, 13.9118, 9.0322



11.2669, 13.9118, 19.7057

Complementary

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



15.6474, 13.9118, 18.3835



14.5308, 17.9019, 15.7871

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.



10.8664, 13.9118, 15.8126



15.6474, 13.9118, 18.3835



11.8212, 13.9118, 9.9784

Square

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



15.6474, 13.9118, 18.3835



14.3090, 13.9118, 9.4904



11.0625, 13.9118, 12.3156



12.1929, 13.9118, 22.6977

Rectangle

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



15.6474, 13.9118, 18.3835



15.6388, 13.9118, 12.2746



11.0625, 13.9118, 12.3156



11.0693, 13.9118, 18.4371

Sweetspot

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



15.6478, 13.9124, 18.3838



31.5622, 31.6131, 36.5326



13.5227, 12.7608, 20.8192



7.4041, 7.3932, 8.5749



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.



15.6478, 13.9124, 18.3838



26.3864, 22.4736, 31.0705



14.8971, 13.6121, 14.4306



4.1080, 4.0589, 4.7662



10.2637, 5.0816, 9.9456



48.5785, 24.0877, 45.4379

Inverse Universe

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



15.6478, 13.9124, 18.3838



26.3864, 22.4736, 31.0705



15.2980, 18.2088, 19.8274



4.1080, 4.0589, 4.7662



10.2637, 5.0816, 9.9456



48.5785, 24.0877, 45.4379

Previews

White Background



This preview shows how the XYZ color 15.6474, 13.9118, 18.3835 looks on a white background.

Color Contrast Check

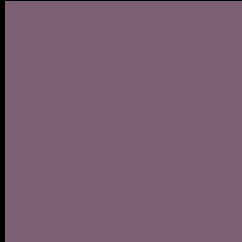
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6474, 13.9118, 18.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

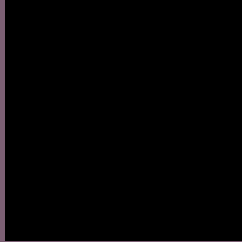
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6474, 13.9118, 18.3835

Background



This preview shows how black text looks on a background with the XYZ color 15.6474, 13.9118, 18.3835.



This preview shows how white text looks on a background with the XYZ color 15.6474, 13.9118,

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

15.6474, 13.9118, 18.3835

Protanopia

13.7683, 14.0478, 20.0750

Deuteranopia

14.2763, 14.0555, 18.1802



Tritanopia

15.0859, 13.9662, 15.2652

Trichromacy



Original Color

15.6474, 13.9118, 18.3835

Protanomaly

14.2901, 13.8905, 19.3807

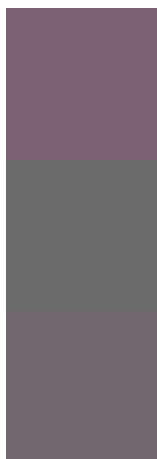
Deuteranomaly

14.7219, 13.9970, 18.1454

Tritanomaly

15.2034, 13.8645, 16.3428

Monochromacy



Original Color

15.6474, 13.9118, 18.3835

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4748, 14.3370, 16.7563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6474, 13.9118, 18.3835 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(124, 96, 116)` looks like.

```
.text, #text, p{  
    color:rgb(124, 96, 116)  
}
```

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(124, 96, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 96, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.6474, 13.9118, 18.3835 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(124, 96, 116) }
```


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

```
.border{ border-color:rgb(124, 96, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 96, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 96, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 96, 116);  
box-shadow:4px 4px 4px 4px rgb(124, 96,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6474, 13.9118, 18.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 96, 116) }
```

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

```
.background{ background-color: rgb(124, 96,  
116) }
```

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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