

Converting Colors

XYZ(15.6573, 13.9206, 15.9167)

Have a look what the booklet for
XYZ(15.6573, 13.9206, 15.9167)
contains.

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Color

**XYZ(15.7917, 14.0376,
16.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	80606C
RGB	128, 96, 108
RGB Percent	50%, 38%, 42%
CMY	0.4980, 0.6235, 0.5765
CMYK	0.00, 0.25, 0.16, 0.50
HSL	338°, 14%, 44%
HSV	338°, 25%, 50%
XYZ	15.7917, 14.0376, 16.0646
YIQ	106.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

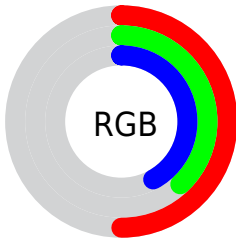
Format	Color
R_{YB}	128, 96, 108
Decimal	8413292
CIE _{Lab}	44.29, 15.02, -1.74
CIE _{LCh}	44, 15.117, 353.395
Yxy	14.0376, 0.3441, 0.3059
Android (android.graphics.Color)	4286603372 (0xFF80606C)
YUV	106.9360, 0.5246, 18.4731
Hunter-Lab	37.4668, 9.6683, 0.8050

Details

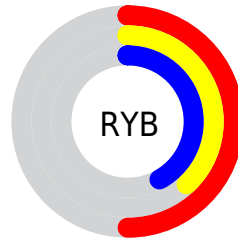
The XYZ color **15.7917, 14.0376, 16.0646** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.6959, 19.1864, 19.3999**, and the grayscale version is **13.9533, 14.6800, 15.9865**.

A 20% lighter version of the original color is **35.7478, 33.1944, 37.3239**, and **5.0825, 4.1532, 4.9487** is the 20% darker color. If you saturate the color by 10%, you get **14.3112, 11.7269, 13.5659**, and if you desaturate by 10%, it is **17.5022, 16.7455, 18.8331**.

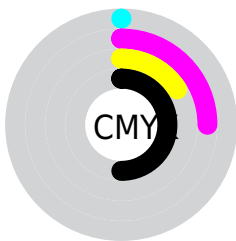
Distribution



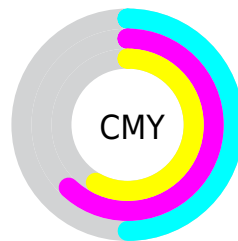
- Red (50%)
- Green (38%)
- Blue (42%)



- Red (50%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7917, 14.0376, 16.0646 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 15.7917, 14.0376, 16.0646 by changing the saturation by 10% instead.

■ 15.7917, 14.0376,
16.0646

■ 15.7917, 14.0376,
16.0646

221.4041,
217.4646, 241.5813

■ 9.4668, 8.1468,
9.4150

■ 35.7966, 33.1557,
37.4787

■ 5.1064, 4.1890,
4.9124

■ 50.2073, 47.1519,
53.0802

■ 2.3452, 1.7799,
2.1381

■ 68.0439, 64.6186,
72.5029

■ 0.8177, 0.4746,
0.6383

■ 89.6719, 85.9403,
96.1652

■ 0.0000, 0.0000,
0.0000

115.4565,
111.5013, 124.4856

145.7632,

141.6861, 157.8828

180.9573,
176.8791, 196.7751

■ 15.7917, 14.0376,
16.0646

■ 15.7917, 14.0376,
16.0646

■ 14.3112, 11.7269,
13.5659

■ 17.5022, 16.7455,
18.8331

■ 13.0493, 9.7928,
11.3276

■ 19.4512, 19.8663,
21.8788

■ 11.9955, 8.2155,
9.3409


■ 21.6481, 23.4171,
25.2096


■ 11.1375, 6.9728,
7.5961


■ 24.1013, 27.4134,
28.8331


■ 10.4621, 6.0397,
6.0829

■ 26.8191, 31.8702,
32.7564


 9.9540, 5.3881,
4.7900


 29.8091, 36.8014,
36.9865

 9.5914, 4.9761,
3.7034

 33.0788, 42.2206,
41.5300

 9.4355, 4.8026,
3.2255

 36.6354, 48.1407,
46.3934

 40.4857, 54.5743,
51.5830

Harmonies

Analogous

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



15.3003, 14.0376, 19.6161



15.7917, 14.0376, 16.0646



15.5956, 14.0376, 12.7866

Triad

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



15.7917, 14.0376, 16.0646



12.4389, 14.0376, 9.9445



12.0014, 14.0376, 21.2875

Complementary

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



15.7917, 14.0376, 16.0646



15.6959, 19.1864, 19.3999

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.



11.3172, 14.0376, 18.0884



15.7917, 14.0376, 16.0646



11.5590, 14.0376, 11.6428

Square

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



15.7917, 14.0376, 16.0646



13.6120, 14.0376, 9.5709



11.1603, 14.0376, 14.5302



13.0762, 14.0376, 22.9124

Rectangle

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



15.7917, 14.0376, 16.0646



15.1069, 14.0376, 11.1454



11.1603, 14.0376, 14.5302



11.7208, 14.0376, 20.3393

Sweetspot

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



15.7921, 14.0382, 16.0649



33.4680, 33.7257, 37.3187



15.2467, 13.6197, 22.2475



7.7987, 7.8365, 8.6798



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.



15.7921, 14.0382, 16.0649



26.2718, 22.3165, 25.7229



15.5455, 14.4976, 13.0460



4.3893, 4.3689, 4.8545



9.3566, 4.7623, 3.2016



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.7921, 14.0382, 16.0649



26.2718, 22.3165, 25.7229



15.9617, 18.5279, 23.1572



4.3893, 4.3689, 4.8545



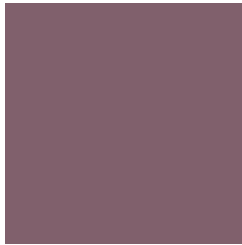
9.3566, 4.7623, 3.2016



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7917, 14.0376, 16.0646 looks on a white background.

Color Contrast Check

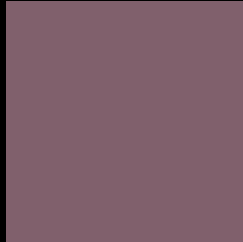
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7917, 14.0376, 16.0646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

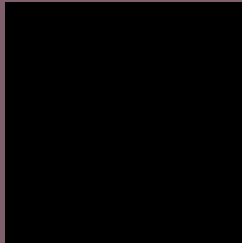
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7917, 14.0376, 16.0646

Background



This preview shows how black text looks on a background with the XYZ color 15.7917, 14.0376, 16.0646.



This preview shows how white text looks on a background with the XYZ color 15.7917, 14.0376,

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

15.7917, 14.0376, 16.0646

Protanopia

13.6399, 14.0359, 17.6131

Deuteranopia

14.3446, 14.1417, 15.8835



Tritanopia

15.6755, 14.1381, 14.9994

Trichromacy



Original Color

15.7917, 14.0376, 16.0646

Protanomaly

14.3330, 13.9658, 16.9792

Deuteranomaly

14.8188, 14.0978, 15.8500

Tritanomaly

15.7266, 14.1585, 15.2686

Monochromacy



Original Color

15.7917, 14.0376, 16.0646

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.5743, 14.4069, 15.9226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7917, 14.0376, 16.0646 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(128, 96, 108)` looks like.

```
.text, #text, p{  
    color:rgb(128, 96, 108)  
}
```

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(128, 96, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 96, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.7917, 14.0376, 16.0646 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(128, 96, 108) }
```


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

```
.border{ border-color:rgb(128, 96, 108) }
```

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

Here you see how a box with a 4 pixel rgb(128, 96, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 96, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 96, 108);  
box-shadow:4px 4px 4px 4px rgb(128, 96,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7917, 14.0376, 16.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 96, 108) }
```

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

```
.background{ background-color: rgb(128, 96,  
108) }
```

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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