

Converting Colors

XYZ(15.7872, 14.5687, 16.6584)

Have a look what the booklet for
XYZ(15.7872, 14.5687, 16.6584)
contains.

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Color

**XYZ(15.8291, 14.6001,
16.7357)**

Conversions

Conversions Part 1

Format	Color
Hex	7D646E
RGB	125, 100, 110
RGB Percent	49%, 39%, 43%
CMY	0.5098, 0.6078, 0.5686
CMYK	0.00, 0.20, 0.12, 0.51
HSL	336°, 11%, 44%
HSV	336°, 20%, 49%
XYZ	15.8291, 14.6001, 16.7357
YIQ	108.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

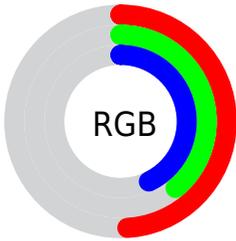
Format	Color
R_{YB}	125, 100, 110
Decimal	8217710
CIE _{Lab}	45.08, 11.81, -1.82
CIE _{LCh}	45, 11.948, 351.236
Yxy	14.6001, 0.3356, 0.3096
Android (android.graphics.Color)	4286407790 (0xFF7D646E)
YUV	108.6150, 0.6828, 14.3696
Hunter-Lab	38.2101, 7.0787, 0.7785

Details

The XYZ color **15.8291, 14.6001, 16.7357** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6842, 18.6148, 18.9869**, and the grayscale version is **14.4230, 15.1742, 16.5247**.

A 20% lighter version of the original color is **35.9483, 34.2068, 38.8903**, and **5.1508, 4.4416, 5.2885** is the 20% darker color. If you saturate the color by 10%, you get **14.3298, 12.2274, 14.3057**, and if you desaturate by 10%, it is **17.5478, 17.3559, 19.4098**.

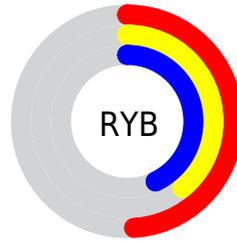
Distribution



Red (49%)

Green (39%)

Blue (43%)



Red (49%)

Yellow (39%)

Blue (43%)

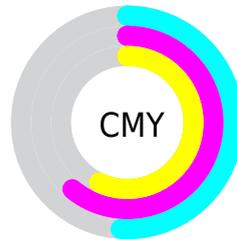


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (51%)



Cyan (51%)

Magenta (61%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8291, 14.6001, 16.7357 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 15.8291, 14.6001, 16.7357 by changing the saturation by 10% instead.

■ 15.8291, 14.6001,
16.7357

■ 15.8291, 14.6001,
16.7357

221.6214,
220.9328, 245.6368

■ 9.4934, 8.5392,
9.8863

■ 35.8611, 34.1501,
38.6552

■ 5.1240, 4.4419,
5.2190

■ 50.2881, 48.4080,
54.5623

■ 2.3557, 1.9237,
2.3153

■ 68.1429, 66.1670,
74.3258

■ 0.8230, 0.5626,
0.7398

■ 89.7909, 87.8115,
98.3641

■ 0.0000, 0.0000,
0.0000

115.5973,
113.7260, 127.0959

145.9277,

144.2948, 160.9395

181.1473,
179.9022, 200.3137

■ 15.8291, 14.6001,
16.7357

■ 15.8291, 14.6001,
16.7357

■ 14.3298, 12.2274,
14.3057

■ 17.5478, 17.3559,
19.4098

■ 13.0393, 10.2188,
12.1115

■ 19.4934, 20.5088,
22.3339

■ 11.9484, 8.5565,
10.1459

■ 21.6743, 24.0745,
25.5151

■ 11.0462, 7.2206,
8.4006

■ 24.0983, 28.0673,
28.9597

■ 10.3209, 6.1891,
6.8670

■ 26.7728, 32.5008,
32.6738

■ 9.7593, 5.4370,
5.5356

■ 29.7050, 37.3880,
36.6634

■ 9.3461, 4.9357,
4.3962

■ 32.9015, 42.7413,
40.9343

■ 9.0332, 4.5903,
3.4270

■ 36.3689, 48.5727,
45.4919

■ 9.0331, 4.5903,
3.4268

■ 40.1135, 54.8937,
50.3416

Harmonies

Analogous

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



15.4028, 14.6001, 19.5309



15.8291, 14.6001, 16.7357



15.7134, 14.6001, 14.0167

Triad

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



15.8291, 14.6001, 16.7357



13.2038, 14.6001, 11.3684



12.7274, 14.6001, 20.5000

Complementary

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



15.8291, 14.6001, 16.7357



15.6842, 18.6148, 18.9869

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.



12.1895, 14.6001, 17.9385



15.8291, 14.6001, 16.7357



12.4554, 14.6001, 12.7444

Square

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



15.8291, 14.6001, 16.7357



14.1668, 14.6001, 11.1268



12.0923, 14.6001, 15.0869



13.5911, 14.6001, 21.8664

Rectangle

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



15.8291, 14.6001, 16.7357



15.3467, 14.6001, 12.5906



12.0923, 14.6001, 15.0869



12.5042, 14.6001, 19.7368

Sweetspot

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



15.8295, 14.6008, 16.7360



32.7169, 33.1693, 36.7216



15.3296, 14.2406, 21.3430



7.4031, 7.4820, 8.2942



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

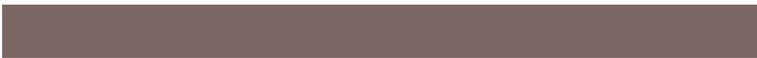
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.8295, 14.6008, 16.7360



27.0682, 24.1155, 27.9222



15.5589, 14.8821, 14.1098



4.3935, 4.3705, 4.8766



9.4245, 4.7895, 3.5590



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8295, 14.6008, 16.7360



27.0682, 24.1155, 27.9222



15.9788, 18.2326, 22.0793



4.3935, 4.3705, 4.8766



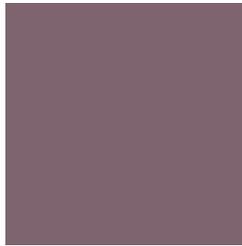
9.4245, 4.7895, 3.5590



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8291, 14.6001, 16.7357 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 15.8291, 14.6001, 16.7357 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

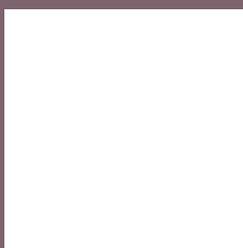
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8291, 14.6001, 16.7357

Background



This preview shows how black text looks on a background with the XYZ color 15.8291, 14.6001, 16.7357.



This preview shows how white text looks on a background with the XYZ color 15.8291, 14.6001,

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

15.8291, 14.6001, 16.7357

Protanopia

14.2547, 14.6488, 17.9958

Deuteranopia

14.9131, 14.7178, 16.5228



Tritanopia

15.7214, 14.5570, 16.1685

Trichromacy



Original Color

15.8291, 14.6001, 16.7357

Protanomaly

14.8704, 14.6703, 17.6707

Deuteranomaly

15.2183, 14.7266, 16.5084

Tritanomaly

15.7749, 14.5784, 16.4505

Monochromacy



Original Color

15.8291, 14.6001, 16.7357

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9846, 15.0570, 16.5845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8291, 14.6001, 16.7357 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(125, 100, 110)` looks like.

```
.text, #text, p{  
    color:rgb(125, 100, 110)  
}
```

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(125, 100, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 100, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.8291, 14.6001, 16.7357 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(125, 100, 110) }
```

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

```
.border{ border-color:rgb(125, 100, 110) }
```

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

Here you see how a box with a 4 pixel rgb(125, 100, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 100, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 100, 110);  
box-shadow:4px 4px 4px 4px rgb(125, 100,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8291, 14.6001, 16.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 100, 110) }
```

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

```
.background{ background-color: rgb(125,  
100, 110) }
```

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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