

Converting Colors

XYZ(15.0715, 14.6768, 16.8322)

Have a look what the booklet for
XYZ(15.0715, 14.6768, 16.8322)
contains.

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Color

**XYZ(15.0008, 14.6082,
16.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	75676E
RGB	117, 103, 110
RGB Percent	46%, 40%, 43%
CMY	0.5412, 0.5961, 0.5686
CMYK	0.00, 0.12, 0.06, 0.54
HSL	330°, 6%, 43%
HSV	330°, 12%, 46%
XYZ	15.0008, 14.6082, 16.7809
YIQ	107.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

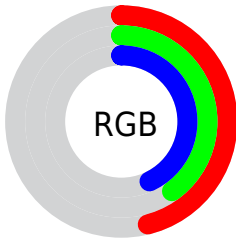
Format	Color
R_{YB}	117, 103, 110
Decimal	7694190
CIE _{Lab}	45.09, 6.88, -1.90
CIE _{LCh}	45, 7.132, 344.573
Yxy	14.6082, 0.3234, 0.3149
Android (android.graphics.Color)	4285884270 (0xFF75676E)
YUV	107.9840, 0.9939, 7.9070
Hunter-Lab	38.2207, 3.1713, 0.7230

Details

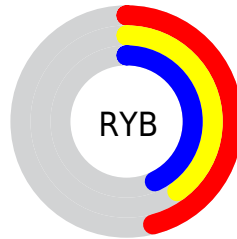
The XYZ color **15.0008, 14.6082, 16.7809** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7698, 16.7322, 17.2038**, and the grayscale version is **14.2458, 14.9877, 16.3216**.

A 20% lighter version of the original color is **34.4394, 34.1549, 38.9598**, and **4.7656, 4.4524, 5.3109** is the 20% darker color. If you saturate the color by 10%, you get **13.6095, 12.3185, 14.7971**, and if you desaturate by 10%, it is **16.5768, 17.2333, 18.9304**.

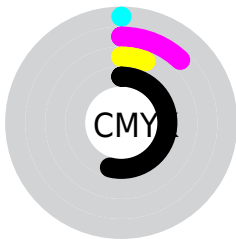
Distribution



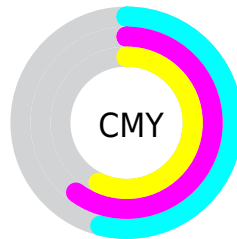
- Red (46%)
- Green (40%)
- Blue (43%)



- Red (46%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0008, 14.6082, 16.7809 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 15.0008, 14.6082, 16.7809 by changing the saturation by 10% instead.

■ 15.0008, 14.6082,
16.7809

■ 15.0008, 14.6082,
16.7809

216.7593,
220.9823, 245.9076

■ 8.9063, 8.5449,
9.9181

■ 34.4262, 34.1644,
38.7342

■ 4.7367, 4.4455,
5.2398

■ 48.4878, 48.4260,
54.6617

■ 2.1268, 1.9258,
2.3274

■ 65.9358, 66.1892,
74.4479

■ 0.7037, 0.5638,
0.7465

■ 87.1356, 87.8383,
98.5113

■ 0.0000, 0.0000,
0.0000

112.4525,
113.7578, 127.2704

142.2518,

144.3321, 161.1438

176.8990,
179.9454, 200.5501

■ 15.0008, 14.6082,
16.7809

■ 15.0008, 14.6082,
16.7809

■ 13.6095, 12.3185,
14.7971

■ 16.5768, 17.2333,
18.9304

■ 12.3946, 10.3488,
12.9738

■ 18.3431, 20.2047,
21.2489

■ 11.3488, 8.6850,
11.3066

■ 20.3063, 23.5353,
23.7407

■ 10.4641, 7.3116,
9.7907

■ 22.4727, 27.2365,
26.4096

■ 9.7314, 6.2113,
8.4209

■ 24.8480, 31.3194,
29.2593

■ 9.1410, 5.3653,
7.1919

■ 27.4377, 35.7946,
32.2936

■ 8.6818, 4.7523,
6.0974

■ 30.2472, 40.6723,
35.5157

■ 8.3409, 4.3471,
5.1307

■ 33.2817, 45.9622,
38.9293

■ 8.1125, 4.0925,
4.4314

■ 36.5462, 51.6738,
42.5375

Harmonies

Analogous

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



14.6916, 14.6082, 18.3202



15.0008, 14.6082, 16.7809



15.0054, 14.6082, 15.1067

Triad

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



15.0008, 14.6082, 16.7809



13.6027, 14.6082, 12.9793



13.0964, 14.6082, 18.2828

Complementary

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



15.0008, 14.6082, 16.7809



14.7698, 16.7322, 17.2038

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.



12.8212, 14.6082, 16.7327



15.0008, 14.6082, 16.7809



13.1079, 14.6082, 13.7135

Square

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



15.0008, 14.6082, 16.7809



14.1869, 14.6082, 12.9902



12.8253, 14.6082, 15.0618



13.5867, 14.6082, 19.2281

Rectangle

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



15.0008, 14.6082, 16.7809



14.8345, 14.6082, 14.1420



12.8253, 14.6082, 15.0618



12.9763, 14.6082, 17.8106

Sweetspot

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



15.0012, 14.6088, 16.7812



29.0521, 29.8025, 33.0499



14.4921, 14.3006, 18.8262



6.6375, 6.7819, 7.5420



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.0012, 14.6088, 16.7812



26.2355, 25.1228, 29.1714



14.6350, 14.4624, 14.8529



3.7532, 3.7286, 4.2271



8.9303, 4.5058, 4.8411



43.0860, 21.7845, 21.3140

Inverse Universe

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



15.0012, 14.6088, 16.7812



26.2355, 25.1228, 29.1714



15.1661, 16.8907, 19.2906



3.7532, 3.7286, 4.2271



8.9303, 4.5058, 4.8411



43.0860, 21.7845, 21.3140

Previews

White Background



This preview shows how the XYZ color 15.0008, 14.6082, 16.7809 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 15.0008, 14.6082, 16.7809 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 15.0008, 14.6082, 16.7809

Background



This preview shows how black text looks on a background with the XYZ color 15.0008, 14.6082, 16.7809.



This preview shows how white text looks on a background with the XYZ color 15.0008, 14.6082,

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

15.0008, 14.6082, 16.7809

Protanopia

14.1421, 14.6037, 17.4027

Deuteranopia

14.9672, 14.7394, 16.8080



Tritanopia

15.0556, 14.6301, 17.0693

Trichromacy



Original Color

15.0008, 14.6082, 16.7809

Protanomaly

14.4764, 14.6304, 17.0999

Deuteranomaly

14.9672, 14.7394, 16.8080

Tritanomaly

15.0556, 14.6301, 17.0693

Monochromacy



Original Color

15.0008, 14.6082, 16.7809

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4699, 14.7917, 16.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0008, 14.6082, 16.7809 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(117, 103, 110)` looks like.

```
.text, #text, p{  
    color:rgb(117, 103, 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(117, 103, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 103, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.0008, 14.6082, 16.7809 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(117, 103, 110) }
```


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

```
.border{ border-color:rgb(117, 103, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 103, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 103, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 103, 110);  
box-shadow:4px 4px 4px 4px rgb(117, 103,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0008, 14.6082, 16.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 103, 110) }
```

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

```
.background{ background-color: rgb(117,  
103, 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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