

Converting Colors

XYZ(14.0052, 12.5907, 15.8828)

Have a look what the booklet for
XYZ(14.0052, 12.5907, 15.8828)
contains.

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Color

**XYZ(14.0051, 12.5886,
15.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	765C6C
RGB	118, 92, 108
RGB Percent	46%, 36%, 42%
CMY	0.5373, 0.6392, 0.5765
CMYK	0.00, 0.22, 0.08, 0.54
HSL	323°, 12%, 41%
HSV	323°, 22%, 46%
XYZ	14.0051, 12.5886, 15.8790
YIQ	101.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

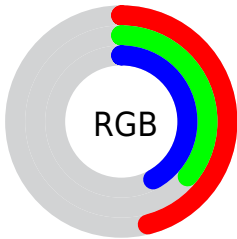
Format	Color
R _Y B	118, 92, 108
Decimal	7756908
CIE Lab	42.14, 13.50, -5.04
CIE LCh	42, 14.410, 339.539
Yxy	12.5886, 0.3297, 0.2964
Android (android.graphics.Color)	4285946988 (0xFF765C6C)
YUV	101.5980, 3.1562, 14.3846
Hunter-Lab	35.4804, 8.3681, -1.6985

Details

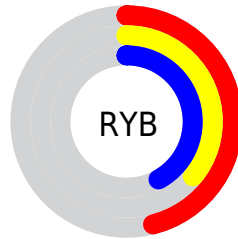
The XYZ color **14.0051, 12.5886, 15.8790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2908, 16.1917, 14.9960**, and the grayscale version is **12.5150, 13.1668, 14.3386**.

A 20% lighter version of the original color is **32.5086, 30.3953, 36.9544**, and **4.2735, 3.5561, 4.8760** is the 20% darker color. If you saturate the color by 10%, you get **12.8262, 10.6073, 14.3252**, and if you desaturate by 10%, it is **15.3565, 14.8946, 17.5527**.

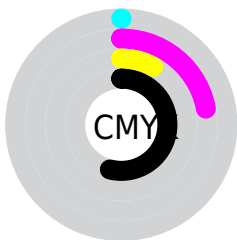
Distribution



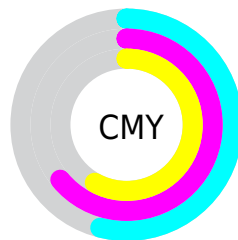
- Red (46%)
- Green (36%)
- Blue (42%)



- Red (46%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0051, 12.5886, 15.8790 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 14.0051, 12.5886, 15.8790 by changing the saturation by 10% instead.

■ 14.0051, 12.5886,
15.8790

■ 14.0051, 12.5886,
15.8790

210.7725,
208.2640, 240.4479

■ 8.2059, 7.1459,
9.2851

■ 32.6843, 30.5627,
37.1519

■ 4.2799, 3.5535,
4.8283

■ 46.2950, 43.8628,
52.6680

■ 1.8617, 1.4271,
2.0899

■ 63.2403, 60.5509,
71.9952

■ 0.5544, 0.2365,
0.6097

■ 83.8855, 81.0113,
95.5522

■ 0.0000, 0.0000,
0.0000

108.5959,
105.6284, 123.7574

137.7370,

134.7866, 157.0294

171.6741,
168.8703, 195.7868

■ 14.0051, 12.5886,
15.8790

■ 14.0051, 12.5886,
15.8790

■ 12.8262, 10.6073,
14.3252

■ 15.3565, 14.8946,
17.5527

■ 11.8113, 8.9341,
12.8869

■ 16.8865, 17.5373,
19.3488

■ 10.9525, 7.5538,
11.5610

■ 18.6020, 20.5304,
21.2705

■ 10.2410, 6.4489,
10.3433

■ 20.5093, 23.8862,
23.3210

■ 9.6671, 5.6002,
9.2296

■ 22.6145, 27.6163,
25.5030

■ 9.2196, 4.9860,
8.2153

■ 24.9232, 31.7321,
27.8194

■ 8.8858, 4.5807,
7.2950

■ 27.4410, 36.2441,
30.2727

■ 8.6610, 4.3275,
6.6148

■ 30.1732, 41.1628,
32.8655

■ 33.1247, 46.4980,
35.6003

Harmonies

Analogous

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



13.3278, 12.5886, 18.7900



14.0051, 12.5886, 15.8790



14.1183, 12.5886, 12.7504

Triad

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



14.0051, 12.5886, 15.8790



11.6263, 12.5886, 8.6644



10.4428, 12.5886, 17.8251

Complementary

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



14.0051, 12.5886, 15.8790



13.2908, 16.1917, 14.9960

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.



10.0427, 12.5886, 14.7100



14.0051, 12.5886, 15.8790



10.6985, 12.5886, 9.6346

Square

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



14.0051, 12.5886, 15.8790



12.7013, 12.5886, 8.8807



10.1335, 12.5886, 11.7424



11.2579, 12.5886, 20.0250

Rectangle

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



14.0051, 12.5886, 15.8790



13.8523, 12.5886, 10.9940



10.1335, 12.5886, 11.7424



10.2576, 12.5886, 16.8328

Sweetspot

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



14.0055, 12.5892, 15.8793



28.2683, 28.3708, 32.3699



12.5734, 11.7858, 18.7518



6.4753, 6.4815, 7.4141



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.



14.0055, 12.5892, 15.8793



23.6322, 20.4580, 26.6337



13.3659, 12.3333, 12.5112



3.7698, 3.7352, 4.3144



9.3637, 4.6792, 7.1236



45.2026, 22.6312, 32.4598

Inverse Universe

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



14.0055, 12.5892, 15.8793



23.6322, 20.4580, 26.6337



13.9850, 16.4694, 18.6516



3.7698, 3.7352, 4.3144



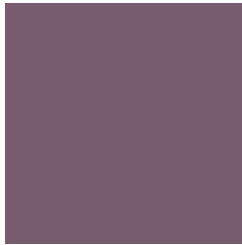
9.3637, 4.6792, 7.1236



45.2026, 22.6312, 32.4598

Previews

White Background



This preview shows how the XYZ color 14.0051, 12.5886, 15.8790 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 14.0051, 12.5886, 15.8790 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 14.0051, 12.5886, 15.8790

Background



This preview shows how black text looks on a background with the XYZ color 14.0051, 12.5886, 15.8790.



This preview shows how white text looks on a background with the XYZ color 14.0051, 12.5886,

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

14.0051, 12.5886, 15.8790

Protanopia

12.4235, 12.6902, 17.1239

Deuteranopia

12.8724, 12.6751, 15.6780



Tritanopia

13.5994, 12.5502, 14.0176

Trichromacy



Original Color

14.0051, 12.5886, 15.8790

Protanomaly

12.8778, 12.5167, 16.7762

Deuteranomaly

13.1765, 12.5610, 15.6399

Tritanomaly

13.7492, 12.6101, 14.8060

Monochromacy



Original Color

14.0051, 12.5886, 15.8790

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0507, 12.9230, 14.9032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0051, 12.5886, 15.8790 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(118, 92, 108)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 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(118, 92, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.0051, 12.5886, 15.8790 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(118, 92, 108) }
```


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

```
.border{ border-color:rgb(118, 92, 108) }
```

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

Here you see how a box with a 4 pixel rgb(118, 92, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 108);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0051, 12.5886, 15.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 108) }
```

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

```
.background{ background-color: rgb(118, 92,  
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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