

Converting Colors

XYZ(14.7072, 13.3252, 16.8358)

Have a look what the booklet for
XYZ(14.7072, 13.3252, 16.8358)
contains.

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Color

**XYZ(14.7072, 13.3252,
16.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	785F6F
RGB	120, 95, 111
RGB Percent	47%, 37%, 44%
CMY	0.5294, 0.6274, 0.5647
CMYK	0.00, 0.21, 0.08, 0.53
HSL	322°, 12%, 42%
HSV	322°, 21%, 47%
XYZ	14.7072, 13.3252, 16.8358
YIQ	104.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

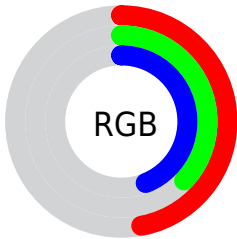
Format	Color
R_{YB}	120, 95, 111
Decimal	7888751
CIE _{Lab}	43.25, 13.05, -5.19
CIE _{LCh}	43, 14.043, 338.298
Yxy	13.3252, 0.3278, 0.2970
Android (android.graphics.Color)	4286078831 (0xFF785F6F)
YUV	104.2990, 3.3036, 13.7698
Hunter-Lab	36.5037, 8.0355, -1.7924

Details

The XYZ color **14.7072, 13.3252, 16.8358** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9350, 16.8657, 15.6185**, and the grayscale version is **13.2282, 13.9170, 15.1557**.

A 20% lighter version of the original color is **34.1233, 32.0863, 39.0451**, and **4.5940, 3.8951, 5.2123** is the 20% darker color. If you saturate the color by 10%, you get **13.4764, 11.2349, 15.2801**, and if you desaturate by 10%, it is **16.1169, 15.7544, 18.5082**.

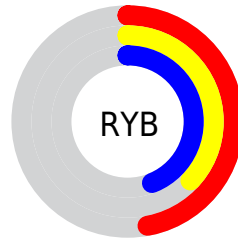
Distribution



Red (47%)

Green (37%)

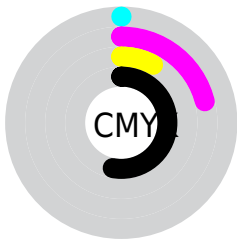
Blue (44%)



Red (47%)

Yellow (37%)

Blue (44%)

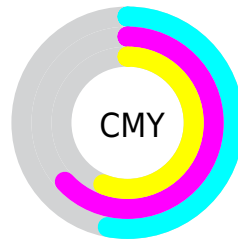


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (53%)



Cyan (53%)

Magenta (63%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7072, 13.3252, 16.8358 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 14.7072, 13.3252, 16.8358 by changing the saturation by 10% instead.

■ 14.7072, 13.3252,
16.8358

■ 14.7072, 13.3252,
16.8358

215.0108,
212.9914, 246.2362

■ 8.6991, 7.6529,
9.9568

■ 33.9146, 31.8868,
38.8300

■ 4.6010, 3.8736,
5.2651

■ 47.8446, 45.5448,
54.7823

■ 2.0474, 1.6031,
2.3422

■ 65.1460, 62.6336,
74.5961

■ 0.6604, 0.3597,
0.7547

■ 86.1841, 83.5374,
98.6898

■ 0.0000, 0.0000,
0.0000

111.3243,
108.6407, 127.4822

140.9319,

138.3279, 161.3917

175.3723,
172.9833, 200.8369

■ 14.7072, 13.3252,
16.8358

■ 14.7072, 13.3252,
16.8358

■ 13.4764, 11.2349,
15.2801

■ 16.1169, 15.7544,
18.5082

■ 12.4154, 9.4664,
13.8370

■ 17.7115, 18.5349,
20.2996

■ 11.5164, 8.0039,
12.5029

■ 19.4982, 21.6809,
22.2133

■ 10.7702, 6.8295,
11.2742

■ 21.4837, 25.2050,
24.2524

■ 10.1669, 5.9233,
10.1466

■ 23.6740, 29.1194,
26.4196

■ 9.6951, 5.2631,
9.1155

■ 26.0750, 33.4358,
28.7175

■ 9.3417, 4.8230,
8.1756

■ 28.6925, 38.1651,
31.1489

■ 9.0782, 4.5261,
7.3787

■ 31.5319, 43.3181,
33.7161

■ 34.5984, 48.9050,
36.4216

Harmonies

Analogous

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



14.0046, 13.3252, 19.7294



14.7072, 13.3252, 16.8358



14.8471, 13.3252, 13.6624

Triad

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



14.7072, 13.3252, 16.8358



12.3661, 13.3252, 9.3570



11.0953, 13.3252, 18.5420

Complementary

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



14.7072, 13.3252, 16.8358



13.9350, 16.8657, 15.6185

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.



10.7083, 13.3252, 15.3896



14.7072, 13.3252, 16.8358



11.4140, 13.3252, 10.3015

Square

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



14.7072, 13.3252, 16.8358



13.4536, 13.3252, 9.6294



10.8215, 13.3252, 12.4069



11.9082, 13.3252, 20.8084

Rectangle

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



14.7072, 13.3252, 16.8358



14.5953, 13.3252, 11.8532



10.8215, 13.3252, 12.4069



10.9133, 13.3252, 17.5342

Sweetspot

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



14.7076, 13.3258, 16.8361



29.6188, 29.9211, 34.0016



13.1629, 12.4693, 19.4826



6.9868, 7.0343, 8.0214



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7076, 13.3258, 16.8361



24.7941, 21.6067, 28.2778



14.0786, 13.0742, 13.5240



4.0961, 4.0542, 4.7039



9.8968, 4.9349, 8.0133



46.7905, 23.3726, 36.0226

Inverse Universe

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



14.7076, 13.3258, 16.8361



24.7941, 21.6067, 28.2778



14.6032, 17.1330, 19.1370



4.0961, 4.0542, 4.7039



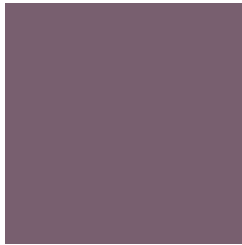
9.8968, 4.9349, 8.0133



46.7905, 23.3726, 36.0226

Previews

White Background



This preview shows how the XYZ color 14.7072, 13.3252, 16.8358 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 14.7072, 13.3252, 16.8358 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 14.7072, 13.3252, 16.8358

Background



This preview shows how black text looks on a background with the XYZ color 14.7072, 13.3252, 16.8358.



This preview shows how white text looks on a background with the XYZ color 14.7072, 13.3252,

16.8358.

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

14.7072, 13.3252, 16.8358

Protanopia

13.1014, 13.4499, 18.1252

Deuteranopia

13.5830, 13.3007, 16.6032



Tritanopia

14.2893, 13.2872, 14.9083

Trichromacy



Original Color

14.7072, 13.3252, 16.8358

Protanomaly

13.5625, 13.2644, 17.7650

Deuteranomaly

13.9922, 13.3719, 16.5954

Tritanomaly

14.4445, 13.3492, 15.7253

Monochromacy



Original Color

14.7072, 13.3252, 16.8358

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.7379, 13.6839, 15.8271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7072, 13.3252, 16.8358 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(120, 95, 111)` looks like.

```
.text, #text, p{  
    color:rgb(120, 95, 111)  
}
```

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(120, 95, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 95, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.7072, 13.3252, 16.8358 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(120, 95, 111) }
```


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

```
.border{ border-color:rgb(120, 95, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 95, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 95, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 95, 111);  
box-shadow:4px 4px 4px 4px rgb(120, 95,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7072, 13.3252, 16.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 95, 111) }
```

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

```
.background{ background-color: rgb(120, 95,  
111) }
```

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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