

Converting Colors

XYZ(14.6616, 13.2198, 16.2307)

Have a look what the booklet for
XYZ(14.6616, 13.2198, 16.2307)
contains.

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Color

**XYZ(14.6482, 13.1745,
16.2389)**

Conversions

Conversions Part 1

Format	Color
Hex	795E6D
RGB	121, 94, 109
RGB Percent	47%, 37%, 43%
CMY	0.5255, 0.6314, 0.5725
CMYK	0.00, 0.22, 0.10, 0.53
HSL	327°, 13%, 42%
HSV	327°, 22%, 47%
XYZ	14.6482, 13.1745, 16.2389
YIQ	103.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

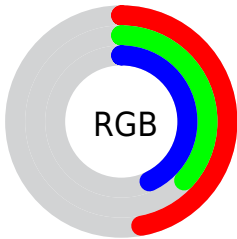
Format	Color
R_{YB}	121, 94, 109
Decimal	7954029
CIE _{Lab}	43.03, 13.65, -4.30
CIE _{LCh}	43, 14.314, 342.537
Yxy	13.1745, 0.3324, 0.2990
Android (android.graphics.Color)	4286144109 (0xFF795E6D)
YUV	103.7830, 2.5720, 15.0993
Hunter-Lab	36.2967, 8.5178, -1.1183

Details

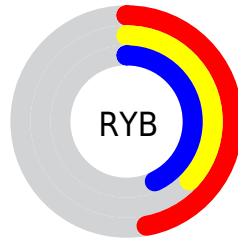
The XYZ color **14.6482, 13.1745, 16.2389** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0555, 17.0954, 16.1954**, and the grayscale version is **13.0917, 13.7735, 14.9993**.

A 20% lighter version of the original color is **33.9261, 31.7875, 37.6052**, and **4.5989, 3.8394, 5.0561** is the 20% darker color. If you saturate the color by 10%, you get **13.3748, 11.0768, 14.4295**, and if you desaturate by 10%, it is **16.1088, 15.6179, 18.1984**.

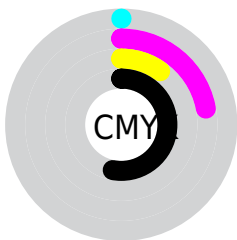
Distribution



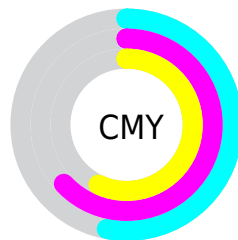
- Red (47%)
- Green (37%)
- Blue (43%)



- Red (47%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (53%)



- Cyan (53%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6482, 13.1745, 16.2389 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 14.6482, 13.1745, 16.2389 by changing the saturation by 10% instead.

■ 14.6482, 13.1745,
16.2389

■ 14.6482, 13.1745,
16.2389

214.6577,
212.0330, 242.6410

■ 8.6576, 7.5488,
9.5372

■ 33.8116, 31.6169,
37.7850

■ 4.5738, 3.8076,
4.9916

■ 47.7150, 45.2025,
53.4665

■ 2.0316, 1.5665,
2.1837

■ 64.9868, 62.2101,
72.9782

■ 0.6516, 0.3349,
0.6649

■ 85.9922, 83.0241,
96.7389

■ 0.0000, 0.0000,
0.0000

111.0967,
108.0291, 125.1669

140.6655,

137.6093, 158.6810

175.0641,
172.1491, 197.6994

■ 14.6482, 13.1745,
16.2389

■ 14.6482, 13.1745,
16.2389

■ 13.3748, 11.0768,
14.4295

■ 16.1088, 15.6179,
18.1984

■ 12.2793, 9.3072,
12.7651

■ 17.7631, 18.4200,
20.3113

■ 11.3532, 7.8492,
11.2415

■ 19.6186, 21.5952,
22.5817

■ 10.5871, 6.6842,
9.8538

■ 21.6822, 25.1568,
25.0133

■ 9.9703, 5.7917,
8.5969

■ 23.9604, 29.1172,
27.6097

■ 9.4910, 5.1483,
7.4650

■ 26.4593, 33.4885,
30.3743

■ 9.1349, 4.7264,
6.4516

■ 29.1849, 38.2820,
33.3104

■ 8.9049, 4.4729,
5.7385

■ 32.1429, 43.5089,
36.4212

■ 35.3389, 49.1796,
39.7100

Harmonies

Analogous

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



14.0059, 13.1745, 19.2830



14.6482, 13.1745, 16.2389



14.7004, 13.1745, 13.0705

Triad

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



14.6482, 13.1745, 16.2389



12.0688, 13.1745, 9.2103



11.0283, 13.1745, 18.8385

Complementary

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



14.6482, 13.1745, 16.2389



14.0555, 17.0954, 16.1954

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.



10.5701, 13.1745, 15.6993



14.6482, 13.1745, 16.2389



11.1467, 13.1745, 10.3311

Square

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



14.6482, 13.1745, 16.2389



13.1670, 13.1745, 9.3109



10.6121, 13.1745, 12.6040



11.8984, 13.1745, 20.9281

Rectangle

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



14.6482, 13.1745, 16.2389



14.3896, 13.1745, 11.3293



10.6121, 13.1745, 12.6040



10.8234, 13.1745, 17.8529

Sweetspot

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



14.6486, 13.1751, 16.2392



30.3238, 30.4628, 34.4971



13.3627, 12.4324, 19.7848



6.9060, 6.9187, 7.8526



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.



14.6486, 13.1751, 16.2392



24.9676, 21.5029, 27.3091



13.9905, 12.9118, 12.7737



4.0828, 4.0488, 4.6336



9.5372, 4.7910, 6.1196



45.0594, 22.6801, 26.9068

Inverse Universe

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



14.6486, 13.1751, 16.2392



24.9676, 21.5029, 27.3091



14.7957, 17.3915, 20.0931



4.0828, 4.0488, 4.6336



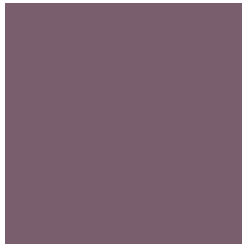
9.5372, 4.7910, 6.1196



45.0594, 22.6801, 26.9068

Previews

White Background



This preview shows how the XYZ color 14.6482, 13.1745, 16.2389 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 14.6482, 13.1745, 16.2389 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 14.6482, 13.1745, 16.2389

Background



This preview shows how black text looks on a background with the XYZ color 14.6482, 13.1745, 16.2389.



This preview shows how white text looks on a background with the XYZ color 14.6482, 13.1745,

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

14.6482, 13.1745, 16.2389

Protanopia

12.8898, 13.2089, 17.4930

Deuteranopia

13.4753, 13.2576, 16.0361



Tritanopia

14.2362, 13.1368, 14.3557

Trichromacy



Original Color

14.6482, 13.1745, 16.2389

Protanomaly

13.4767, 13.0934, 17.1462

Deuteranomaly

13.7915, 13.1428, 15.9973

Tritanomaly

14.3877, 13.1974, 15.1536

Monochromacy



Original Color

14.6482, 13.1745, 16.2389

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5891, 13.4699, 15.5194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6482, 13.1745, 16.2389 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(121, 94, 109)` looks like.

```
.text, #text, p{  
    color:rgb(121, 94, 109)  
}
```

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(121, 94, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 94, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.6482, 13.1745, 16.2389 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(121, 94, 109) }
```


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

```
.border{ border-color:rgb(121, 94, 109) }
```

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

Here you see how a box with a 4 pixel rgb(121, 94, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 94, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 94, 109);  
box-shadow:4px 4px 4px 4px rgb(121, 94,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6482, 13.1745, 16.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 94, 109) }
```

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

```
.background{ background-color: rgb(121, 94,  
109) }
```

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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