

Converting Colors

XYZ(15.9093, 16.2366, 15.6461)

Have a look what the booklet for
XYZ(15.9093, 16.2366, 15.6461)
contains.

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Color

**XYZ(15.8715, 16.1649,
15.6482)**

Conversions

Conversions Part 1

Format	Color
Hex	786E69
RGB	120, 110, 105
RGB Percent	47%, 43%, 41%
CMY	0.5294, 0.5686, 0.5882
CMYK	0.00, 0.08, 0.12, 0.53
HSL	20°, 7%, 44%
HSV	20°, 12%, 47%
XYZ	15.8715, 16.1649, 15.6482
YIQ	112.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

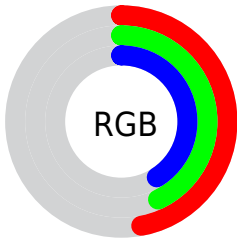
Format	Color
RYB	120, 113, 105
Decimal	7892585
CIELab	47.19, 2.97, 4.19
CIElCh	47, 5.131, 54.701
Yxy	16.1649, 0.3328, 0.3390
Android (android.graphics.Color)	4286082665 (0xFF786E69)
YUV	112.4200, -3.6581, 6.6477
Hunter-Lab	40.2056, 0.1046, 5.0680

Details

The XYZ color **15.8715, 16.1649, 15.6482** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3465, 16.6204, 20.1687**, and the grayscale version is **15.5339, 16.3428, 17.7973**.

A 20% lighter version of the original color is **35.9343, 37.0116, 36.7025**, and **5.1398, 5.2001, 4.7358** is the 20% darker color. If you saturate the color by 10%, you get **14.4735, 14.2872, 12.3510**, and if you desaturate by 10%, it is **17.4353, 18.2347, 19.4306**.

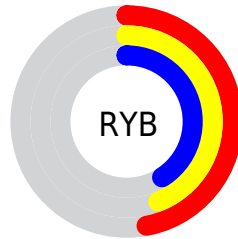
Distribution



Red (47%)

Green (43%)

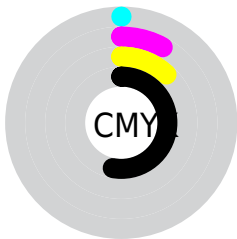
Blue (41%)



Red (47%)

Yellow (44%)

Blue (41%)

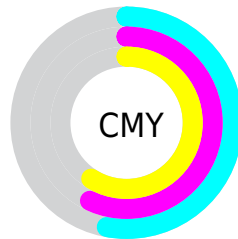


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8715, 16.1649, 15.6482 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 15.8715, 16.1649, 15.6482 by changing the saturation by 10% instead.

■ 15.8715, 16.1649,
15.6482

■ 15.8715, 16.1649,
15.6482

221.8676,
230.3128, 239.0312

■ 9.5235, 9.6409,
9.1239

■ 35.9342, 36.8842,
36.7446

■ 5.1440, 5.1615,
4.7242

■ 50.3797, 51.8484,
52.1538

■ 2.3676, 2.3423,
2.0305

■ 68.2551, 70.3947,
71.3618

■ 0.8289, 0.7960,
0.5739

■ 89.9257, 92.9076,
94.7870

■ 0.0000, 0.0000,
0.0000

115.7569,
119.7715, 122.8480

146.1140,

151.3707, 155.9633

181.3625,
188.0897, 194.5515

■ 15.8715, 16.1649,
15.6482

■ 15.8715, 16.1649,
15.6482

■ 14.4735, 14.2872,
12.3510

■ 17.4353, 18.2347,
19.4306

■ 13.2344, 12.5939,
9.5180

■ 19.1691, 20.4997,
23.7157

■ 12.1485, 11.0798,
7.1286

■ 21.0784, 22.9657,
28.5216

■ 11.2095, 9.7389,
5.1599

■ 23.1680, 25.6377,
33.8649

■ 10.4105, 8.5645,
3.5871

■ 25.4428, 28.5204,
39.7619

■ 9.7438, 7.5498,
2.3826

■ 27.9072, 31.6183,
46.2277

■ 9.2011, 6.6872,
1.5153

■ 30.5656, 34.9359,
53.2772

■ 8.7729, 5.9683,
0.9481

■ 33.4223, 38.4776,
60.9245

■ 8.5053, 5.5121,
0.6157

■ 36.4813, 42.2473,
69.1835

Harmonies

Analogous

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



16.1667, 16.1649, 16.5819



15.8715, 16.1649, 15.6482



15.4446, 16.1649, 15.2389

Triad

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



15.8715, 16.1649, 15.6482



14.5157, 16.1649, 17.3722



15.7300, 16.1649, 19.9582

Complementary

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



15.8715, 16.1649, 15.6482



15.3465, 16.6204, 20.1687

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.



15.2842, 16.1649, 20.1950



15.8715, 16.1649, 15.6482



14.5888, 16.1649, 18.6606

Square

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



15.8715, 16.1649, 15.6482



14.6664, 16.1649, 16.2026



14.8679, 16.1649, 19.7095



16.0839, 16.1649, 19.0773

Rectangle

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



15.8715, 16.1649, 15.6482



15.1449, 16.1649, 15.3033



14.8679, 16.1649, 19.7095



15.5857, 16.1649, 20.1175

Sweetspot

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



15.8719, 16.1656, 15.6485



30.2060, 31.4667, 33.0529



15.8920, 15.3342, 18.3421



7.1151, 7.4001, 7.7275



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

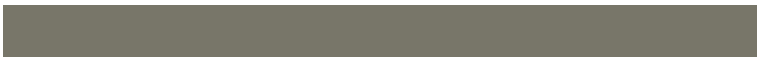
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.8719, 16.1656, 15.6485



27.1811, 27.4509, 25.7739



16.7155, 17.8526, 15.9297



4.0974, 4.2133, 4.2218



9.2665, 5.9889, 0.6676



43.4933, 27.1501, 2.9481

Inverse Universe

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



15.3465, 16.6204, 20.1687



26.0661, 28.4155, 35.3640



14.5261, 14.9795, 19.8952



3.9998, 4.2979, 5.0619



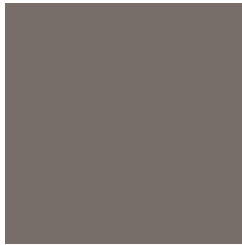
6.8131, 7.7087, 20.5141



31.6924, 35.1575, 97.5855

Previews

White Background



This preview shows how the XYZ color 15.8715, 16.1649, 15.6482 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 15.8715, 16.1649, 15.6482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

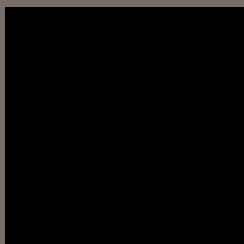
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

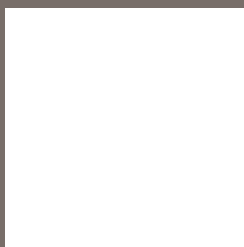
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8715, 16.1649, 15.6482

Background



This preview shows how black text looks on a background with the XYZ color 15.8715, 16.1649, 15.6482.



This preview shows how white text looks on a background with the XYZ color 15.8715, 16.1649,

15.6482.

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

15.8715, 16.1649, 15.6482

Protanopia

15.3562, 16.0543, 15.9251

Deuteranopia

16.3698, 16.1050, 15.6104



Tritanopia

16.5995, 16.1471, 19.0714

Trichromacy



Original Color

15.8715, 16.1649, 15.6482

Protanomaly

15.6221, 16.1914, 15.9375

Deuteranomaly

16.1868, 16.1682, 15.6322

Tritanomaly

16.3344, 16.1945, 17.8877

Monochromacy



Original Color

15.8715, 16.1649, 15.6482

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5150, 16.1178, 16.7613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8715, 16.1649, 15.6482 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, 110, 105)` looks like.

```
.text, #text, p{  
    color:rgb(120, 110, 105)  
}
```

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, 110, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 110, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.8715, 16.1649, 15.6482 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, 110, 105) }
```


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

```
.border{ border-color:rgb(120, 110, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 110, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 110, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 110, 105);  
box-shadow:4px 4px 4px 4px rgb(120, 110,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8715, 16.1649, 15.6482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 110, 105) }
```

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

```
.background{ background-color: rgb(120,  
110, 105) }
```

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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