

Converting Colors

XYZ(16.7841, 17.5705, 15.9059)

Have a look what the booklet for
XYZ(16.7841, 17.5705, 15.9059)
contains.

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Color

**XYZ(16.8212, 17.6483,
15.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7469
RGB	122, 116, 105
RGB Percent	48%, 45%, 41%
CMY	0.5216, 0.5451, 0.5882
CMYK	0.00, 0.05, 0.14, 0.52
HSL	39°, 7%, 45%
HSV	39°, 14%, 48%
XYZ	16.8212, 17.6483, 15.8845
YIQ	116.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

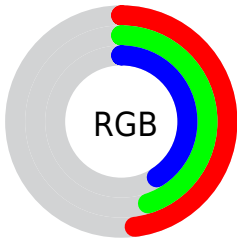
Format	Color
RYB	114, 122, 105
Decimal	8025193
CIELab	49.07, 0.26, 6.90
CIElCh	49, 6.904, 87.827
Yxy	17.6483, 0.3341, 0.3505
Android (android.graphics.Color)	4286215273 (0xFF7A7469)
YUV	116.5400, -5.6892, 4.7884
Hunter-Lab	42.0099, -2.0440, 6.9886

Details

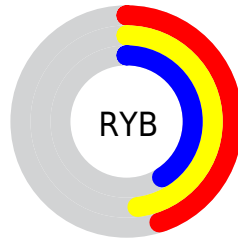
The XYZ color **16.8212, 17.6483, 15.8845** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0228, 15.7768, 20.6658**, and the grayscale version is **16.7822, 17.6562, 19.2276**.

A 20% lighter version of the original color is **37.4589, 39.4042, 37.0840**, and **5.5785, 5.8562, 4.8393** is the 20% darker color. If you saturate the color by 10%, you get **15.7541, 16.4465, 12.6539**, and if you desaturate by 10%, it is **18.0022, 18.9336, 19.5974**.

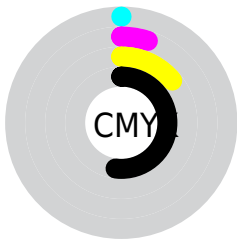
Distribution



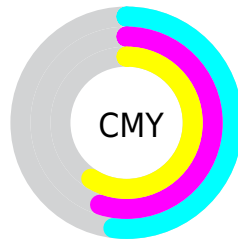
- Red (48%)
- Green (45%)
- Blue (41%)



- Red (45%)
- Yellow (48%)
- Blue (41%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8212, 17.6483, 15.8845 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 16.8212, 17.6483, 15.8845 by changing the saturation by 10% instead.

■ 16.8212, 17.6483,
15.8845

■ 16.8212, 17.6483,
15.8845

227.3163,
238.8811, 240.4816

■ 10.2016, 10.6978,
9.2890

■ 37.5641, 39.4371,
37.1616

■ 5.5961, 5.8640,
4.8308

■ 52.4182, 55.0442,
52.6802

■ 2.6394, 2.7626,
2.0913

■ 70.7478, 74.3056,
72.0103

■ 0.9661, 1.0091,
0.6106

■ 92.9183, 97.6057,
95.5704

■ 0.0000, 0.0000,
0.0000

119.2950,
125.3289, 123.7791

150.2434,

157.8597, 157.0548

186.1287,
195.5823, 195.8161

■ 16.8212, 17.6483,
15.8845

■ 16.8212, 17.6483,
15.8845

■ 15.7541, 16.4465,
12.6539

■ 18.0022, 18.9336,
19.5974

■ 14.7954, 15.3238,
9.8843

■ 19.2997, 20.3021,
23.8104

■ 13.9411, 14.2787,
7.5545

■ 20.7176, 21.7566,
28.5419

■ 13.1866, 13.3087,
5.6410

■ 22.2597, 23.2989,
33.8090

■ 12.5266, 12.4113,
4.1184

■ 23.9291, 24.9309,
39.6278

■ 11.9555, 11.5837,
2.9581

■ 25.7292, 26.6542,
46.0141

■ 11.4668, 10.8227,
2.1280

■ 27.6631, 28.4706,
52.9827

■ 11.0518, 10.1243,
1.5842

■ 29.7337, 30.3816,
60.5480

■ 10.8193, 9.7242,
1.3067

■ 31.9438, 32.3889,
68.7241

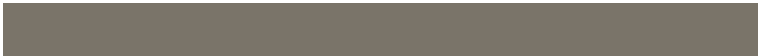
Harmonies

Analogous

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



17.4425, 17.6483, 16.3669



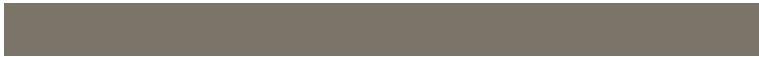
16.8212, 17.6483, 15.8845



16.2026, 17.6483, 16.2463

Triad

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



16.8212, 17.6483, 15.8845



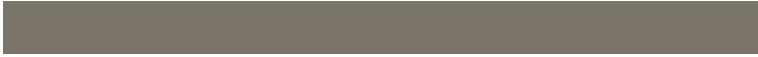
15.7024, 17.6483, 20.9200



17.8447, 17.6483, 21.1676

Complementary

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



16.8212, 17.6483, 15.8845



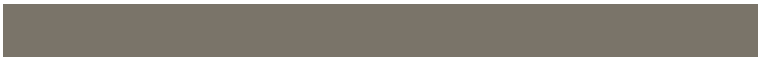
15.0228, 15.7768, 20.6658

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.



17.3591, 17.6483, 22.5272



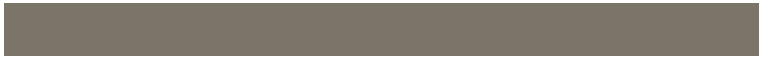
16.8212, 17.6483, 15.8845



16.1232, 17.6483, 22.3779

Square

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



16.8212, 17.6483, 15.8845



15.5666, 17.6483, 19.0818



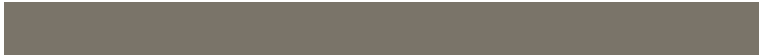
16.7272, 17.6483, 22.9835



18.0427, 17.6483, 19.3508

Rectangle

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



16.8212, 17.6483, 15.8845



15.8728, 17.6483, 16.9313



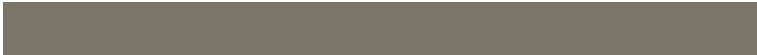
16.7272, 17.6483, 22.9835



17.7091, 17.6483, 21.6975

Sweetspot

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



16.8217, 17.6491, 15.8849



31.6359, 33.2719, 34.3644



15.9599, 15.3938, 17.2367



7.2019, 7.5737, 7.7564



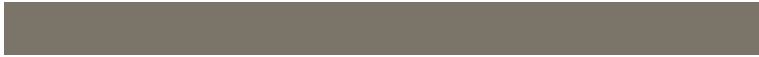
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.8217, 17.6491, 15.8849



28.9193, 30.2984, 25.8760



17.2182, 18.9131, 16.1080



4.1944, 4.4072, 4.2541



11.3831, 10.2221, 1.3731



53.4754, 47.1143, 6.2755

Inverse Universe

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



15.0228, 15.7768, 20.6658



25.0561, 26.2778, 36.1444



14.6601, 14.6509, 20.4676



3.9026, 4.1035, 5.0295



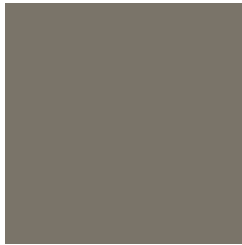
4.6021, 3.2866, 19.7771



21.2191, 14.2108, 94.0944

Previews

White Background



This preview shows how the XYZ color 16.8212, 17.6483, 15.8845 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 16.8212, 17.6483, 15.8845 looks on a black 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

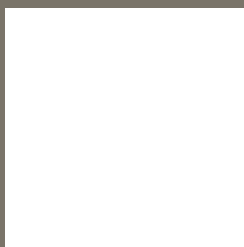
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8212, 17.6483, 15.8845

Background



This preview shows how black text looks on a background with the XYZ color 16.8212, 17.6483, 15.8845.



This preview shows how white text looks on a background with the XYZ color 16.8212, 17.6483,

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

16.8212, 17.6483, 15.8845

Protanopia

16.6804, 17.5757, 15.8779

Deuteranopia

17.9114, 17.5345, 16.0761



Tritanopia

17.7302, 17.5005, 20.8558

Trichromacy



Original Color

16.8212, 17.6483, 15.8845

Protanomaly

16.6804, 17.5757, 15.8779

Deuteranomaly

17.4087, 17.4401, 16.0844

Tritanomaly

17.3381, 17.5065, 18.9883

Monochromacy



Original Color

16.8212, 17.6483, 15.8845

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.9497, 17.8368, 18.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8212, 17.6483, 15.8845 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(122, 116, 105)` looks like.

```
.text, #text, p{  
    color:rgb(122, 116, 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(122, 116, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 116, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.8212, 17.6483, 15.8845 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(122, 116, 105) }
```


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

```
.border{ border-color:rgb(122, 116, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 116, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 116, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 116, 105);  
box-shadow:4px 4px 4px 4px rgb(122, 116,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8212, 17.6483, 15.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 116, 105) }
```

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

```
.background{ background-color: rgb(122,  
116, 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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