

Converting Colors

XYZ(16.6406, 16.7283, 15.4485)

Have a look what the booklet for
XYZ(16.6406, 16.7283, 15.4485)
contains.

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Color

**XYZ(16.6406, 16.7283,
15.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6F68
RGB	125, 111, 104
RGB Percent	49%, 44%, 41%
CMY	0.5098, 0.5647, 0.5922
CMYK	0.00, 0.11, 0.17, 0.51
HSL	20°, 9%, 45%
HSV	20°, 17%, 49%
XYZ	16.6406, 16.7283, 15.4485
YIQ	114.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

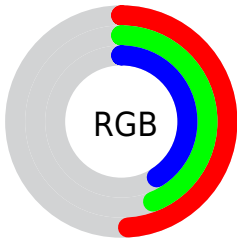
Format	Color
R_{YB}	125, 115, 104
Decimal	8220520
CIE Lab	47.92, 4.21, 5.89
CIE LCh	48, 7.240, 54.402
Yxy	16.7283, 0.3409, 0.3427
Android (android.graphics.Color)	4286410600 (0xFF7D6F68)
YUV	114.3880, -5.1213, 9.3067
Hunter-Lab	40.9002, 1.0488, 6.2356

Details

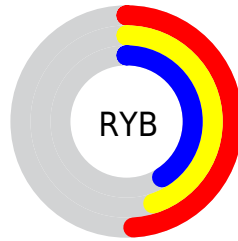
The XYZ color **16.6406, 16.7283, 15.4485** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8890, 17.3803, 21.9196**, and the grayscale version is **16.1239, 16.9636, 18.4733**.

A 20% lighter version of the original color is **37.3737, 38.0259, 36.3803**, and **5.4965, 5.3869, 4.6210** is the 20% darker color. If you saturate the color by 10%, you get **15.1851, 14.7592, 12.0596**, and if you desaturate by 10%, it is **18.2759, 18.9062, 19.3622**.

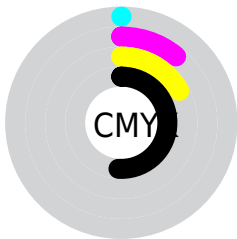
Distribution



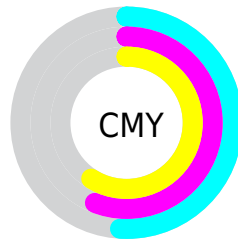
- Red (49%)
- Green (44%)
- Blue (41%)



- Red (49%)
- Yellow (45%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6406, 16.7283, 15.4485 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 16.6406, 16.7283, 15.4485 by changing the saturation by 10% instead.

■ 16.6406, 16.7283,
15.4485

■ 16.6406, 16.7283,
15.4485

226.2895,
233.6018, 237.7986

■ 10.0723, 10.0410,
8.9846

■ 37.2553, 37.8580,
36.3915

■ 5.5096, 5.4261,
4.6345

■ 52.0325, 53.0692,
51.7076

■ 2.5870, 2.4994,
1.9795

■ 70.2766, 71.8905,
70.8117

■ 0.9393, 0.8763,
0.5426

■ 92.3531, 94.7062,
94.1221

■ 0.0000, 0.0000,
0.0000

118.6272,
121.9008, 122.0575

149.4645,

153.8587, 155.0363

185.2301,
190.9642, 193.4772

■ 16.6406, 16.7283,
15.4485

■ 16.6406, 16.7283,
15.4485

■ 15.1851, 14.7592,
12.0596

■ 18.2759, 18.9062,
19.3622

■ 13.9018, 12.9903,
9.1719

■ 20.0959, 21.2967,
23.8207

■ 12.7841, 11.4160,
6.7617

■ 22.1067, 23.9062,
28.8444

■ 11.8248, 10.0290,
4.8026

■ 24.3139, 26.7402,
34.4522

■ 11.0158, 8.8221,
3.2661

■ 26.7228, 29.8041,
40.6622

■ 10.3486, 7.7873,
2.1201

■ 29.3385, 33.1029,
47.4917

■ 9.8134, 6.9159,
1.3277

■ 32.1658, 36.6417,
54.9572

■ 9.3931, 6.1961,
0.8158

■ 35.2096, 40.4253,
63.0747

■ 9.2742, 5.9933,
0.6680

■ 38.4744, 44.4583,
71.8597

Harmonies

Analogous

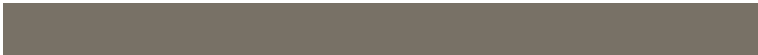
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.0688, 16.7283, 16.7711



16.6406, 16.7283, 15.4485



16.0223, 16.7283, 14.8701

Triad

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



16.6406, 16.7283, 15.4485



14.6846, 16.7283, 17.8663



16.4232, 16.7283, 21.6829

Complementary

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



16.6406, 16.7283, 15.4485



15.8890, 17.3803, 21.9196

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.



15.7778, 16.7283, 22.0256



16.6406, 16.7283, 15.4485



14.7854, 16.7283, 19.7379

Square

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



16.6406, 16.7283, 15.4485



14.9022, 16.7283, 16.2035



15.1812, 16.7283, 21.2919



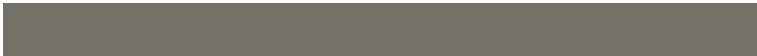
16.9409, 16.7283, 20.3848

Rectangle

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



16.6406, 16.7283, 15.4485



15.5900, 16.7283, 14.9538



15.1812, 16.7283, 21.2919



16.2135, 16.7283, 21.9172

Sweetspot

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



16.6411, 16.7290, 15.4489



33.2511, 34.5478, 35.9438



16.6780, 15.5688, 19.2658



7.5225, 7.8043, 8.0764



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.6411, 16.7290, 15.4489



28.8026, 28.6152, 25.3219



17.8547, 19.1563, 15.8534



4.4359, 4.5604, 4.5666



9.6733, 6.2431, 0.6952



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8890, 17.3803, 21.9196



27.2006, 30.0011, 39.1015



14.7208, 15.0439, 21.5302



4.3294, 4.6528, 5.4832



7.1109, 8.0403, 21.4271



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6406, 16.7283, 15.4485 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 16.6406, 16.7283, 15.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

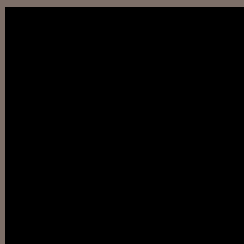
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6406, 16.7283, 15.4485

Background



This preview shows how black text looks on a background with the XYZ color 16.6406, 16.7283, 15.4485.



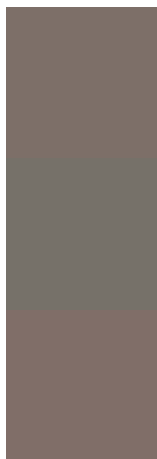
This preview shows how white text looks on a background with the XYZ color 16.6406, 16.7283,

15.4485.

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

16.6406, 16.7283, 15.4485

Protanopia

15.9261, 16.6817, 15.7451

Deuteranopia

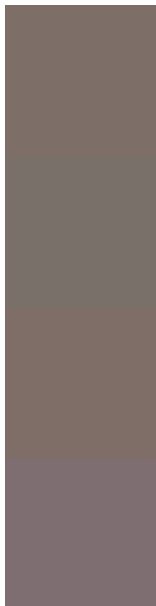
16.9767, 16.7405, 15.4332



Tritanopia

17.4911, 16.7573, 19.4521

Trichromacy



Original Color

16.6406, 16.7283, 15.4485

Protanomaly

16.2291, 16.6732, 15.7275

Deuteranomaly

16.8270, 16.6634, 15.4262

Tritanomaly

17.1608, 16.7797, 17.9571

Monochromacy



Original Color

16.6406, 16.7283, 15.4485

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1908, 16.7876, 17.1388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6406, 16.7283, 15.4485 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(125, 111, 104)` looks like.

```
.text, #text, p{  
    color:rgb(125, 111, 104)  
}
```

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(125, 111, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 111, 104) }
```

Border

The CSS property to change the border of an element to XYZ 16.6406, 16.7283, 15.4485 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(125, 111, 104) }
```


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

```
.border{ border-color:rgb(125, 111, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 111, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 111, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 111, 104);  
box-shadow:4px 4px 4px 4px rgb(125, 111,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6406, 16.7283, 15.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 111, 104) }
```

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

```
.background{ background-color: rgb(125,  
111, 104) }
```

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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