

Converting Colors

XYZ(16.4810, 16.6432, 14.7096)

Have a look what the booklet for
XYZ(16.4810, 16.6432, 14.7096)
contains.

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Color

**XYZ(16.4908, 16.6684,
14.6601)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6F65
RGB	125, 111, 101
RGB Percent	49%, 44%, 40%
CMY	0.5098, 0.5647, 0.6039
CMYK	0.00, 0.11, 0.19, 0.51
HSL	25°, 11%, 44%
HSV	25°, 19%, 49%
XYZ	16.4908, 16.6684, 14.6601
YIQ	114.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

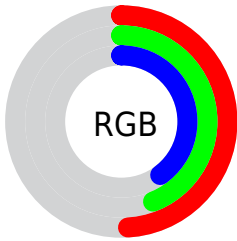
Format	Color
R_{YB}	125, 118, 101
Decimal	8220517
CIE _{Lab}	47.84, 3.70, 7.56
CIE _{LCh}	48, 8.418, 63.914
Yxy	16.6684, 0.3449, 0.3486
Android (android.graphics.Color)	4286410597 (0xFF7D6F65)
YUV	114.0460, -6.4317, 9.6067
Hunter-Lab	40.8270, 0.6525, 7.2891

Details

The XYZ color **16.4908, 16.6684, 14.6601** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1991, 16.5084, 21.7874**, and the grayscale version is **16.0246, 16.8591, 18.3596**.

A 20% lighter version of the original color is **37.1248, 37.9264, 35.0696**, and **5.4239, 5.3579, 4.2383** is the 20% darker color. If you saturate the color by 10%, you get **15.1612, 14.9158, 11.4216**, and if you desaturate by 10%, it is **17.9794, 18.5896, 18.4116**.

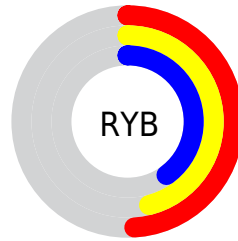
Distribution



Red (49%)

Green (44%)

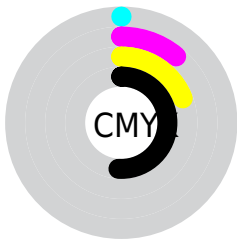
Blue (40%)



Red (49%)

Yellow (46%)

Blue (40%)

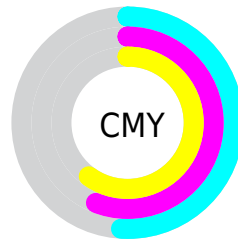


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4908, 16.6684, 14.6601 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 16.4908, 16.6684, 14.6601 by changing the saturation by 10% instead.

■ 16.4908, 16.6684,
14.6601

■ 16.4908, 16.6684,
14.6601

225.4346,
233.2542, 232.8690

■ 9.9652, 9.9984,
8.4372

■ 36.9988, 37.7548,
34.9896

■ 5.4380, 5.3979,
4.2842

■ 51.7119, 52.9399,
49.9333

■ 2.5438, 2.4825,
1.7825

■ 69.8848, 71.7321,
68.6211

■ 0.9174, 0.8679,
0.4164

■ 91.8829, 94.5159,
91.4714

■ 0.0000, 0.0000,
0.0000

118.0716,
121.6756, 118.9028

148.8162,

153.5956, 151.3338

184.4821,
190.6603, 189.1831

■ 16.4908, 16.6684,
14.6601

■ 16.4908, 16.6684,
14.6601

■ 15.1612, 14.9158,
11.4216

■ 17.9794, 18.5896,
18.4116

■ 13.9835, 13.3248,
8.6726

■ 19.6312, 20.6819,
22.6963

■ 12.9521, 11.8913,
6.3890

■ 21.4516, 22.9501,
27.5346

■ 12.0604, 10.6098,
4.5443

■ 23.4456, 25.3987,
32.9453

■ 11.3012, 9.4747,
3.1095

■ 25.6179, 28.0315,
38.9466

■ 10.6666, 8.4800,
2.0519

■ 27.9730, 30.8526,
45.5556

■ 10.1477, 7.6190,
1.3337

■ 30.5153, 33.8656,
52.7890

■ 9.7215, 6.8793,
0.8442

■ 33.2489, 37.0744,
60.6626

■ 9.6898, 6.8246,
0.8066

■ 36.1778, 40.4824,
69.1918

Harmonies

Analogous

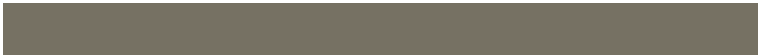
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.0803, 16.6684, 15.9234



16.4908, 16.6684, 14.6601



15.7438, 16.6684, 14.3036

Triad

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



16.4908, 16.6684, 14.6601



14.4360, 16.6684, 18.4348



16.6680, 16.6684, 21.8287

Complementary

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



16.4908, 16.6684, 14.6601



15.1991, 16.5084, 21.7874

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.



15.9423, 16.6684, 22.6285



16.4908, 16.6684, 14.6601



14.6666, 16.6684, 20.5730

Square

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



16.4908, 16.6684, 14.6601



14.5725, 16.6684, 16.3789



15.2120, 16.6684, 22.1518



17.1849, 16.6684, 20.0424

Rectangle

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



16.4908, 16.6684, 14.6601



15.2607, 16.6684, 14.6023



15.2120, 16.6684, 22.1518



16.4396, 16.6684, 22.2281

Sweetspot

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



16.4912, 16.6691, 14.6605



33.0687, 34.4008, 35.2111



16.2058, 14.9053, 18.2427



7.4891, 7.7832, 7.9247



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.



16.4912, 16.6691, 14.6605



28.4598, 28.4461, 23.6158



17.8894, 19.4655, 15.1265



4.4636, 4.6159, 4.5758



10.1065, 7.1094, 0.8396



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1991, 16.5084, 21.7874



25.7039, 28.1024, 38.8139



13.9189, 13.9481, 21.3607



4.3008, 4.5957, 5.4736



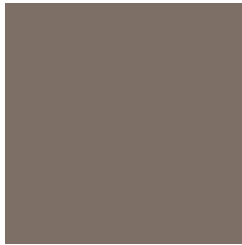
6.3364, 6.4913, 21.1689



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4908, 16.6684, 14.6601 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 16.4908, 16.6684, 14.6601 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

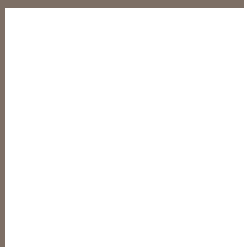
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4908, 16.6684, 14.6601

Background



This preview shows how black text looks on a background with the XYZ color 16.4908, 16.6684, 14.6601.



This preview shows how white text looks on a background with the XYZ color 16.4908, 16.6684,

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

16.4908, 16.6684, 14.6601

Protanopia

15.7746, 16.6211, 14.9472

Deuteranopia

16.8709, 16.5440, 14.6160



Tritanopia

17.4319, 16.7337, 19.1408

Trichromacy



Original Color

16.4908, 16.6684, 14.6601

Protanomaly

16.0776, 16.6126, 14.9295

Deuteranomaly

16.8270, 16.6806, 14.6447

Tritanomaly

17.0494, 16.7352, 17.3705

Monochromacy



Original Color

16.4908, 16.6684, 14.6601

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1367, 16.7659, 16.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4908, 16.6684, 14.6601 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(125, 111, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 111, 101) }
```

Border

The CSS property to change the border of an element to XYZ 16.4908, 16.6684, 14.6601 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, 101) }
```


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

```
.border{ border-color:rgb(125, 111, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 111, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 111, 101);  
box-shadow:4px 4px 4px 4px rgb(125, 111,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4908, 16.6684, 14.6601 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, 101) }
```

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

```
.background{ background-color: rgb(125,  
111, 101) }
```

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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