

Converting Colors

XYZ(16.6594, 17.6109, 14.6714)

Have a look what the booklet for
XYZ(16.6594, 17.6109, 14.6714)
contains.

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Color

**XYZ(16.5717, 17.5485,
14.5704)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7464
RGB	122, 116, 100
RGB Percent	48%, 45%, 39%
CMY	0.5216, 0.5451, 0.6078
CMYK	0.00, 0.05, 0.18, 0.52
HSL	44°, 10%, 44%
HSV	44°, 18%, 48%
XYZ	16.5717, 17.5485, 14.5704
YIQ	115.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

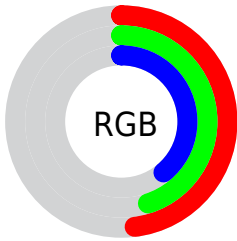
Format	Color
R_{YB}	108, 122, 100
Decimal	8025188
CIE Lab	48.94, -0.60, 9.67
CIE LCh	49, 9.693, 93.569
Yxy	17.5485, 0.3403, 0.3604
Android (android.graphics.Color)	4286215268 (0xFF7A7464)
YUV	115.9700, -7.8732, 5.2883
Hunter-Lab	41.8909, -2.6960, 8.7015

Details

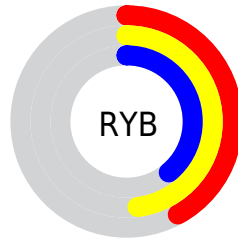
The XYZ color **16.5717, 17.5485, 14.5704** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9224, 14.4222, 20.4624**, and the grayscale version is **16.6132, 17.4784, 19.0339**.

A 20% lighter version of the original color is **37.2677, 39.3536, 34.9099**, and **5.4574, 5.8078, 4.2015** is the 20% darker color. If you saturate the color by 10%, you get **15.6485, 16.5773, 11.5644**, and if you desaturate by 10%, it is **17.5980, 18.5841, 18.0476**.

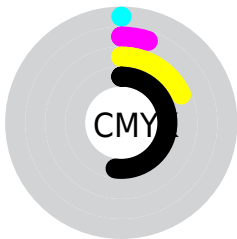
Distribution



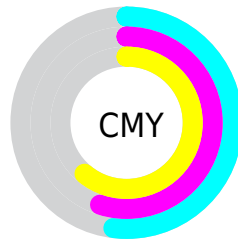
- Red (48%)
- Green (45%)
- Blue (39%)



- Red (42%)
- Yellow (48%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5717, 17.5485, 14.5704 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 16.5717, 17.5485, 14.5704 by changing the saturation by 10% instead.

■ 16.5717, 17.5485,
14.5704

■ 16.5717, 17.5485,
14.5704

225.8967,
238.3137, 232.3015

■ 10.0230, 10.6263,
8.3752

■ 37.1374, 39.2665,
34.8293

■ 5.4766, 5.8162,
4.2447

■ 51.8851, 54.8310,
49.7301

■ 2.5671, 2.7336,
1.7605

■ 70.0965, 74.0452,
68.3699

■ 0.9292, 0.9943,
0.4017

■ 92.1370, 97.2934,
91.1671

■ 0.0000, 0.0000,
0.0000

118.3719,
124.9599, 118.5403

149.1665,

157.4292, 150.9081

184.8864,
195.0857, 188.6890

■ 16.5717, 17.5485,
14.5704

■ 16.5717, 17.5485,
14.5704

■ 15.6485, 16.5773,
11.5644

■ 17.5980, 18.5841,
18.0476

■ 14.8230, 15.6664,
9.0076

■ 18.7298, 19.6834,
22.0142

■ 14.0913, 14.8145,
6.8784

■ 19.9712, 20.8490,
26.4889

■ 13.4486, 14.0194,
5.1525

■ 21.3257, 22.0825,
31.4890

■ 12.8897, 13.2790,
3.8033

■ 22.7964, 23.3853,
37.0311

■ 12.4090, 12.5905,
2.8011

■ 24.3866, 24.7589,
43.1310

■ 11.9996, 11.9512,
2.1115

■ 26.0992, 26.2048,
49.8038

■ 11.6448, 11.3540,
1.6467

■ 27.9371, 27.7242,
57.0642

■ 11.5771, 11.2397,
1.5593

■ 29.9030, 29.3185,
64.9261

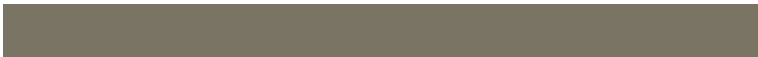
Harmonies

Analogous

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



17.4625, 17.5485, 14.9994



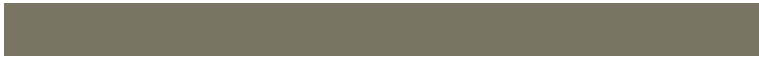
16.5717, 17.5485, 14.5704



15.7395, 17.5485, 15.2638

Triad

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



16.5717, 17.5485, 14.5704



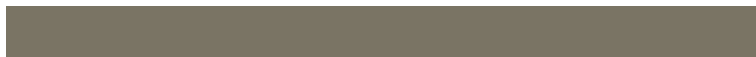
15.2769, 17.5485, 21.9845



18.2794, 17.5485, 21.4023

Complementary

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



16.5717, 17.5485, 14.5704



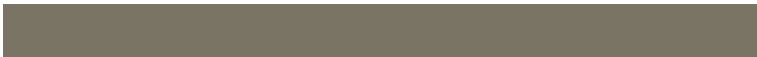
13.9224, 14.4222, 20.4624

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.



17.6558, 17.5485, 23.5473



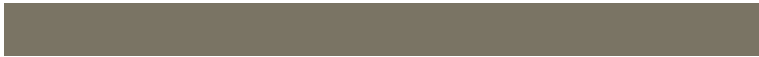
16.5717, 17.5485, 14.5704



15.9199, 17.5485, 23.9041

Square

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



16.5717, 17.5485, 14.5704



15.0091, 17.5485, 19.4179



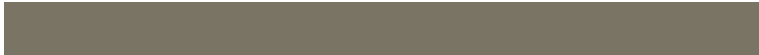
16.7874, 17.5485, 24.5000



18.4690, 17.5485, 18.8001

Rectangle

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



16.5717, 17.5485, 14.5704



15.3238, 17.5485, 16.3094



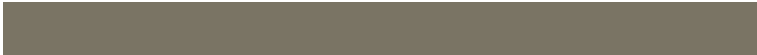
16.7874, 17.5485, 24.5000



18.1125, 17.5485, 22.2082

Sweetspot

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



16.5722, 17.5493, 14.5708



31.5202, 33.2461, 33.6924



15.1971, 14.2976, 15.6584



7.1822, 7.5773, 7.6169



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.



16.5722, 17.5493, 14.5708



28.4025, 30.0916, 23.1547



16.6275, 18.6374, 14.7779



4.2197, 4.4579, 4.2626



12.1817, 11.8194, 1.6393



57.3723, 54.9081, 7.5745

Inverse Universe

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



13.9224, 14.4222, 20.4624



22.7542, 23.4267, 35.7154



13.8686, 13.5089, 20.2890



3.8784, 4.0550, 5.0215



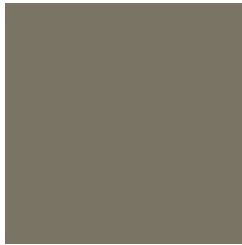
4.2723, 2.6269, 19.6672



19.7590, 11.2907, 93.6077

Previews

White Background



This preview shows how the XYZ color 16.5717, 17.5485, 14.5704 looks on a white background.

Color Contrast Check

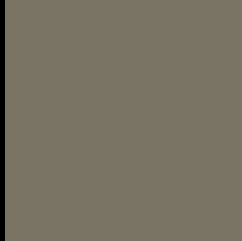
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5717, 17.5485, 14.5704 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

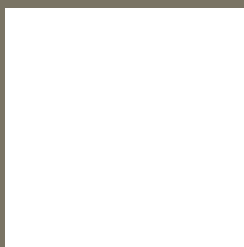
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5717, 17.5485, 14.5704

Background



This preview shows how black text looks on a background with the XYZ color 16.5717, 17.5485, 14.5704.



This preview shows how white text looks on a background with the XYZ color 16.5717, 17.5485,

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

16.5717, 17.5485, 14.5704

Protanopia

16.5717, 17.5485, 14.5704

Deuteranopia

17.8160, 17.5145, 14.7535



Tritanopia

17.8754, 17.5754, 20.8626

Trichromacy



Original Color

16.5717, 17.5485, 14.5704

Protanomaly

16.5717, 17.5485, 14.5704

Deuteranomaly

17.3074, 17.4170, 14.7615

Tritanomaly

17.3668, 17.5346, 18.3888

Monochromacy



Original Color

16.5717, 17.5485, 14.5704

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5311, 17.4681, 17.2523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5717, 17.5485, 14.5704 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(122, 116, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 116, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.5717, 17.5485, 14.5704 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, 100) }
```


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

```
.border{ border-color:rgb(122, 116, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 116, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 116, 100);  
box-shadow:4px 4px 4px 4px rgb(122, 116,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5717, 17.5485, 14.5704 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, 100) }
```

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

```
.background{ background-color: rgb(122,  
116, 100) }
```

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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