

Converting Colors

XYZ(16.6793, 17.2923, 15.5686)

Have a look what the booklet for
XYZ(16.6793, 17.2923, 15.5686)
contains.

XYZ(16.6844, 17.2451, 15.5460) 3
 ***Conversions** 4*
 ***Details** 6*
 ***Harmonies** 12*
 ***Previews** 24*
 ***Color Blindness Simulation** 28*
 ***CSS Examples** 31*

Color

**XYZ(16.6844, 17.2451,
15.5460)**

Conversions

Conversions Part 1	
Format	Color
Hex	7B7268
RGB	123, 114, 104
RGB Percent	48%, 45%, 41%
CMY	0.5176, 0.5529, 0.5922
CMYK	0.00, 0.07, 0.15, 0.52
HSL	32°, 8%, 45%
HSV	32°, 15%, 48%
XYZ	16.6844, 17.2451, 15.5460
YIQ	115.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

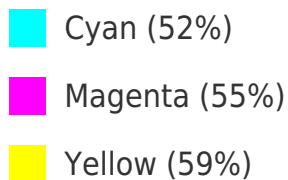
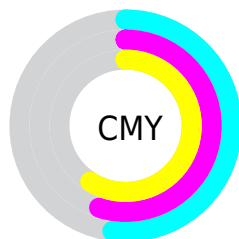
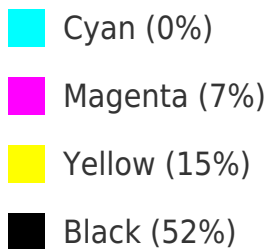
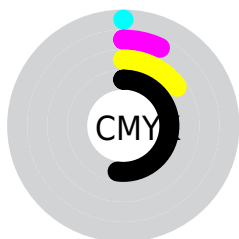
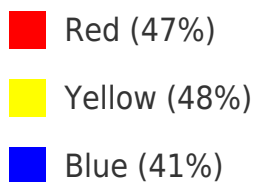
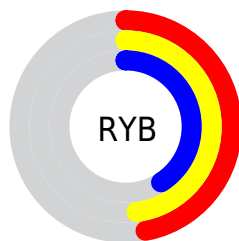
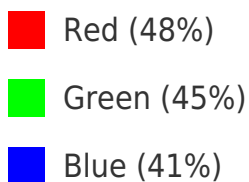
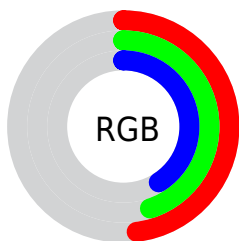
Format	Color
RYB	121, 123, 104
Decimal	8090216
CIELab	48.57, 1.65, 6.79
CIELCh	49, 6.989, 76.335
Yxy	17.2451, 0.3372, 0.3486
Android (android.graphics.Color)	4286280296 (0xFF7B7268)
YUV	115.5510, -5.6946, 6.5328
Hunter-Lab	41.5272, -0.9567, 6.8734

Details

The XYZ color **16.6844, 17.2451, 15.5460** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1891, 16.1830, 21.0621**, and the grayscale version is **16.4786, 17.3368, 18.8798**.

A 20% lighter version of the original color is **37.4571, 38.8691, 36.5386**, and **5.5108, 5.6477, 4.6706** is the 20% darker color. If you saturate the color by 10%, you get **15.4686, 15.7413, 12.2799**, and if you desaturate by 10%, it is **18.0342, 18.8705, 19.3068**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 16.6844, 17.2451, 15.5460 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 16.6844, 17.2451, 15.5460 by changing the saturation by 10% instead.


 16.6844, 17.2451,
15.5460


 16.6844, 17.2451,
15.5460

226.5389,
236.5809, 238.4012


 10.1036, 10.4094,
9.0526


 37.3303, 38.7467,
36.5640


 5.5305, 5.6712,
4.6782

 52.1261, 54.1814,
51.9256

 2.5997, 2.6462,
2.0043

 70.3910, 73.2512,
71.0805

 0.9458, 0.9500,
0.5579

 92.4903, 96.3405,
94.4470


 0.0000, 0.0000,
0.0000


118.7894,
123.8338, 122.4438


149.6536,


156.1153, 155.4894


185.4484,
193.5696, 194.0024


 16.6844, 17.2451,
15.5460


 16.6844, 17.2451,
15.5460


 15.4686, 15.7413,
12.2799

 18.0342, 18.8705,
19.3068


 14.3806, 14.3539,
9.4865


 19.5209, 20.6184,
23.5810


 13.4159, 13.0802,
7.1437


 21.1493, 22.4922,
28.3875


 12.5692, 11.9167,
5.2271


 22.9234, 24.4948,
33.7439


 11.8345, 10.8599,
3.7102


 24.8471, 26.6288,
39.6672


 11.2054, 9.9058,
2.5632


 26.9240, 28.8967,
46.1735


 10.6746, 9.0499,
1.7522

 29.1578, 31.3011,
53.2782

 10.2305, 8.2861,
1.2210

 31.5518, 33.8445,
60.9962

 10.0447, 7.9634,
1.0077

 34.1094, 36.5290,
69.3420

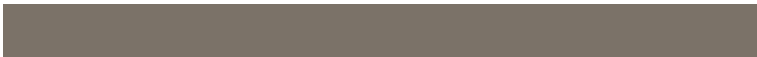
Harmonies

Analogous

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



17.2584, 17.2451, 16.3332



16.6844, 17.2451, 15.5460



16.0461, 17.2451, 15.5836

Triad

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



16.6844, 17.2451, 15.5460



15.2343, 17.2451, 19.7893



17.3005, 17.2451, 21.3260

Complementary

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



16.6844, 17.2451, 15.5460



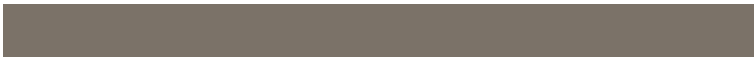
15.1891, 16.1830, 21.0621

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.



16.7407, 17.2451, 22.3792



16.6844, 17.2451, 15.5460



15.5531, 17.2451, 21.4532

Square

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



16.6844, 17.2451, 15.5460



15.2201, 17.2451, 17.9539



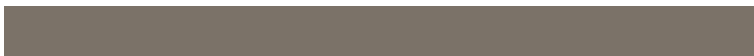
16.1010, 17.2451, 22.4272



17.6203, 17.2451, 19.6249

Rectangle

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



16.6844, 17.2451, 15.5460



15.6701, 17.2451, 16.0698



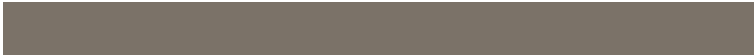
16.1010, 17.2451, 22.4272



17.1335, 17.2451, 21.7723

Sweetspot

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



16.6849, 17.2459, 15.5464



32.3767, 33.8900, 34.8066



16.1099, 15.3082, 17.7829



7.5904, 7.9403, 8.0991



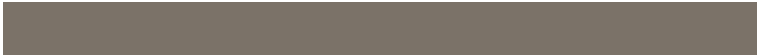
60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.6849, 17.2459, 15.5464



28.9744, 29.7741, 25.3835



17.7049, 19.3532, 15.8994



4.1566, 4.3317, 4.2415



10.3856, 8.2271, 1.0406



48.6825, 37.5284, 4.6779

Inverse Universe

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



15.1891, 16.1830, 21.0621



25.6890, 27.4396, 37.4990



14.2715, 14.2930, 20.7457



3.9396, 4.1775, 5.0419



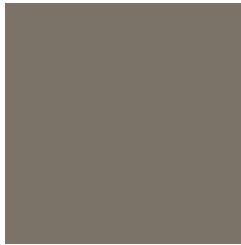
5.2711, 4.6247, 20.0001



24.3041, 20.3808, 95.1227

Previews

White Background



This preview shows how the XYZ color 16.6844, 17.2451, 15.5460 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 16.6844, 17.2451, 15.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

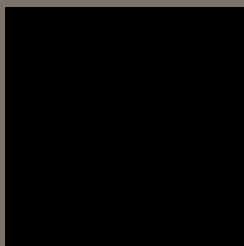
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6844, 17.2451, 15.5460

Background



This preview shows how black text looks on a background with the XYZ color 16.6844, 17.2451, 15.5460.



This preview shows how white text looks on a background with the XYZ color 16.6844, 17.2451,

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

16.6844, 17.2451, 15.5460

Protanopia

16.4263, 17.2745, 15.8331

Deuteranopia

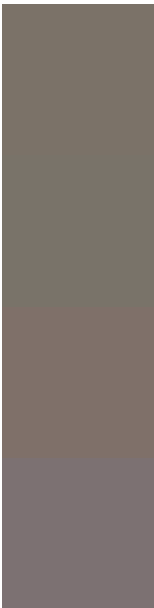
17.4402, 17.1346, 15.7527



Tritanopia

17.6418, 17.3044, 20.1796

Trichromacy



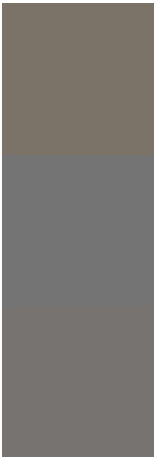
Original Color
16.6844, 17.2451, 15.5460

Protanomaly
16.5657, 17.3463, 15.8397

Deuteranomaly
17.0964, 17.1203, 15.7681

Tritanomaly
17.2546, 17.3102, 18.3514

Monochromacy



Original Color
16.6844, 17.2451, 15.5460

Achromatopsia
16.6002, 17.4647, 19.0191

Achromatomaly
16.6631, 17.3533, 17.8005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6844, 17.2451, 15.5460 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(123, 114, 104) looks like.

```
.text, #text, p{  
    color:rgb(123, 114, 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(123, 114, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 114, 104) }
```

Border

The CSS property to change the border of an element to XYZ 16.6844, 17.2451, 15.5460 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(123, 114, 104) }
```


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

```
.border{ border-color:rgb(123, 114, 104) }
```

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

Here you see how a box with a 4 pixel rgb(123, 114, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 114, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 114, 104);  
box-shadow:4px 4px 4px 4px rgb(123, 114,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6844, 17.2451, 15.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 114, 104) }
```

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

```
.background{ background-color: rgb(123,  
114, 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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