

Converting Colors

XYZ(17.6975, 17.3549, 15.1910)

Have a look what the booklet for
XYZ(17.6975, 17.3549, 15.1910)
contains.

XYZ(17.6483, 17.2537, 15.2321)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.6483, 17.2537,
15.2321)**

Conversions

Conversions Part 1

Format	Color
Hex	846F67
RGB	132, 111, 103
RGB Percent	52%, 44%, 40%
CMY	0.4824, 0.5647, 0.5961
CMYK	0.00, 0.16, 0.22, 0.48
HSL	17°, 12%, 46%
HSV	17°, 22%, 52%
XYZ	17.6483, 17.2537, 15.2321
YIQ	116.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

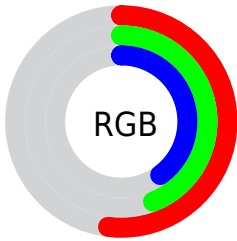
Format	Color
R_{YB}	132, 114, 103
Decimal	8679271
CIE _{Lab}	48.58, 6.90, 7.52
CIE _{LCh}	49, 10.201, 47.473
Yxy	17.2537, 0.3520, 0.3442
Android (android.graphics.Color)	4286869351 (0xFF846F67)
YUV	116.3670, -6.5899, 13.7101
Hunter-Lab	41.5376, 3.1495, 7.3343

Details

The XYZ color **17.6483, 17.2537, 15.2321** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9658, 18.9642, 24.5960**, and the grayscale version is **16.7299, 17.6012, 19.1677**.

A 20% lighter version of the original color is **38.9375, 38.8418, 36.0168**, and **5.9710, 5.6344, 4.5142** is the 20% darker color. If you saturate the color by 10%, you get **16.0498, 15.0346, 11.6845**, and if you desaturate by 10%, it is **19.4639, 19.7394, 19.3686**.

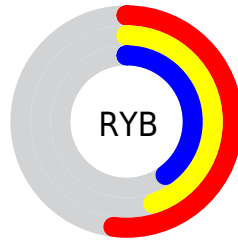
Distribution



Red (52%)

Green (44%)

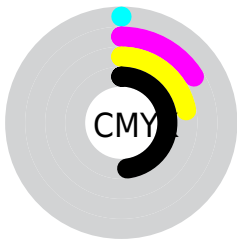
Blue (40%)



Red (52%)

Yellow (45%)

Blue (40%)

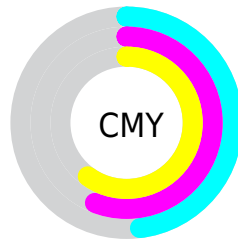


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (48%)



Cyan (48%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6483, 17.2537, 15.2321 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 17.6483, 17.2537, 15.2321 by changing the saturation by 10% instead.

■ 17.6483, 17.2537,
15.2321

■ 17.6483, 17.2537,
15.2321

231.9653,
236.6302, 236.4558

■ 10.7959, 10.4155,
8.8340

■ 38.9719, 38.7615,
36.0079

■ 5.9961, 5.6753,
4.5377

■ 54.1739, 54.1998,
51.2227

■ 2.8833, 2.6487,
1.9247

■ 72.8898, 73.2738,
70.2134

■ 1.0924, 0.9512,
0.5084

■ 95.4849, 96.3676,
93.3987

■ 0.0187, 0.0000,
0.0000

122.3247,
123.8658, 121.1970

■ 0.0000, 0.0000,
0.0000

153.7744,

156.1527, 154.0270

190.1995,
193.6127, 192.3070

■ 17.6483, 17.2537,
15.2321

■ 17.6483, 17.2537,
15.2321

■ 16.0498, 15.0346,
11.6845

■ 19.4639, 19.7394,
19.3686

■ 14.6588, 13.0708,
8.6978

■ 21.5032, 22.4979,
24.1181

■ 13.4665, 11.3537,
6.2433

■ 23.7742, 25.5381,
29.5047

■ 12.4635, 9.8731,
4.2892

■ 26.2839, 28.8677,
35.5509

■ 11.6392, 8.6182,
2.8004

■ 29.0393, 32.4942,
42.2780

■ 10.9819, 7.5774,
1.7371

■ 32.0468, 36.4249,
49.7065

■ 10.4783, 6.7378,
1.0529

■ 35.3128, 40.6666,
57.8559

■ 10.1596, 6.1933,
0.6600

■ 38.8434, 45.2261,
66.7451

■ 42.6444, 50.1099,
76.3919

Harmonies

Analogous

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



18.1798, 17.2537, 17.2782



17.6483, 17.2537, 15.2321



16.7933, 17.2537, 14.1830

Triad

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



17.6483, 17.2537, 15.2321



14.7013, 17.2537, 17.6884



16.9465, 17.2537, 24.1548

Complementary

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



17.6483, 17.2537, 15.2321



16.9658, 18.9642, 24.5960

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.



16.0111, 17.2537, 24.2914



17.6483, 17.2537, 15.2321



14.7387, 17.2537, 20.3798

Square

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



17.6483, 17.2537, 15.2321



15.1059, 17.2537, 15.5077



15.2103, 17.2537, 22.8545



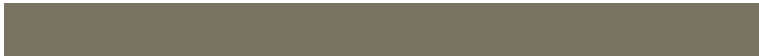
17.7641, 17.2537, 22.4973

Rectangle

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



17.6483, 17.2537, 15.2321



16.1658, 17.2537, 14.1175



15.2103, 17.2537, 22.8545



16.6347, 17.2537, 24.3854

Sweetspot

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



17.6488, 17.2545, 15.2325



35.9644, 37.0485, 38.0066



18.0210, 16.0682, 21.3090



8.3349, 8.5737, 8.7594



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.6488, 17.2545, 15.2325



29.7430, 28.5335, 23.8240



19.3271, 20.6112, 15.7919



4.7695, 4.8825, 4.9204



9.8411, 6.0048, 0.6404



0.0396, 0.0317, 0.0040

Inverse Universe

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



16.9658, 18.9642, 24.5960



28.3320, 32.0588, 43.1479



15.3093, 15.6513, 24.0439



4.6959, 5.0674, 5.9314



8.0496, 9.6471, 22.5745



0.0340, 0.0457, 0.0802

Previews

White Background



This preview shows how the XYZ color 17.6483, 17.2537, 15.2321 looks on a white background.

Color Contrast Check

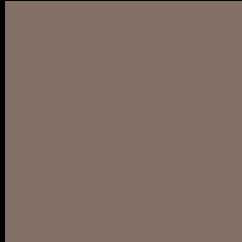
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6483, 17.2537, 15.2321 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 17.6483, 17.2537, 15.2321

Background



This preview shows how black text looks on a background with the XYZ color 17.6483, 17.2537, 15.2321.

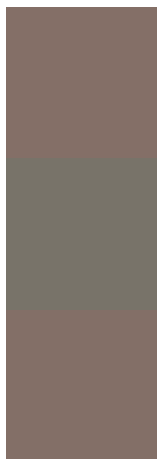


This preview shows how white text looks on a background with the XYZ color 17.6483, 17.2537,

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

17.6483, 17.2537, 15.2321

Protanopia

16.4263, 17.2745, 15.8331

Deuteranopia

17.4927, 17.1734, 15.2248



Tritanopia

18.5110, 17.2900, 19.1913

Trichromacy



Original Color

17.6483, 17.2537, 15.2321

Protanomaly

16.8282, 17.3192, 15.5527

Deuteranomaly

17.4927, 17.1734, 15.2248

Tritanomaly

18.1734, 17.3083, 17.7122

Monochromacy



Original Color

17.6483, 17.2537, 15.2321

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9126, 17.3199, 17.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6483, 17.2537, 15.2321 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(132, 111, 103)` looks like.

```
.text, #text, p{  
    color:rgb(132, 111, 103)  
}
```

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(132, 111, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 111, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.6483, 17.2537, 15.2321 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(132, 111, 103) }
```


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

```
.border{ border-color:rgb(132, 111, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 111, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 111, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 111, 103);  
box-shadow:4px 4px 4px 4px rgb(132, 111,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6483, 17.2537, 15.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 111, 103) }
```

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

```
.background{ background-color: rgb(132,  
111, 103) }
```

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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