

Converting Colors

XYZ(16.7164, 17.7536, 11.8640)

Have a look what the booklet for
XYZ(16.7164, 17.7536, 11.8640)
contains.

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Color

**XYZ(16.6110, 17.6310,
11.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7458
RGB	126, 116, 88
RGB Percent	49%, 45%, 35%
CMY	0.5059, 0.5451, 0.6549
CMYK	0.00, 0.08, 0.30, 0.51
HSL	44°, 18%, 42%
HSV	44°, 30%, 49%
XYZ	16.6110, 17.6310, 11.7601
YIQ	115.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

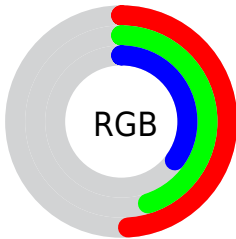
Format	Color
R_{YB}	102, 126, 88
Decimal	8287320
CIE Lab	49.05, -0.82, 16.90
CIE LCh	49, 16.921, 92.780
Yxy	17.6310, 0.3611, 0.3833
Android (android.graphics.Color)	4286477400 (0xFF7E7458)
YUV	115.7980, -13.7044, 8.9472
Hunter-Lab	41.9893, -2.8665, 12.7869

Details

The XYZ color **16.6110, 17.6310, 11.7601** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.1579, 12.3160, 21.4751**, and the grayscale version is **16.5764, 17.4397, 18.9918**.

A 20% lighter version of the original color is **37.1805, 39.4239, 29.6947**, and **5.4655, 5.8379, 3.0293** is the 20% darker color. If you saturate the color by 10%, you get **15.7584, 16.6901, 9.1197**, and if you desaturate by 10%, it is **17.5684, 18.6369, 14.8810**.

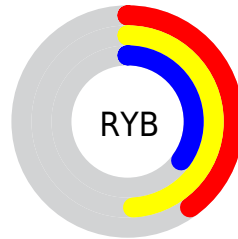
Distribution



Red (49%)

Green (45%)

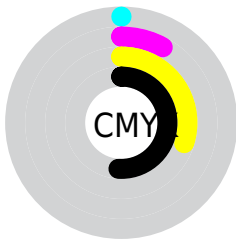
Blue (35%)



Red (40%)

Yellow (49%)

Blue (35%)

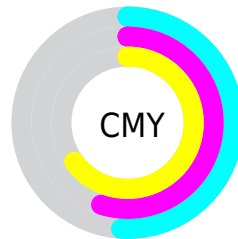


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6110, 17.6310, 11.7601 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 16.6110, 17.6310, 11.7601 by changing the saturation by 10% instead.

■ 16.6110, 17.6310,
11.7601

■ 16.6110, 17.6310,
11.7601

226.1208,
238.7829, 213.7318

■ 10.0511, 10.6854,
6.4600

■ 37.2047, 39.4075,
29.7152

■ 5.4954, 5.8557,
3.0535

■ 51.9692, 55.0073,
43.2074

■ 2.5785, 2.7575,
1.1220

■ 70.1992, 74.2605,
60.2672

■ 0.9350, 1.0065,
0.0000

■ 92.2603, 97.5516,
81.3134

■ 0.0000, 0.0000,
0.0000

■ 118.5176,
125.2650, 106.7644

149.3365,

157.7851, 137.0388

185.0825,
195.4962, 172.5551

■ 16.6110, 17.6310,
11.7601

■ 16.6110, 17.6310,
11.7601

■ 15.7584, 16.6901,
9.1197

■ 17.5684, 18.6369,
14.8810

■ 15.0045, 15.8096,
6.9342

■ 18.6336, 19.7074,
18.5039

■ 14.3444, 14.9880,
5.1773

■ 19.8114, 20.8451,
22.6507

■ 13.7725, 14.2228,
3.8195

■ 21.1055, 22.0519,
27.3412

■ 13.2824, 13.5112,
2.8276

■ 22.5199, 23.3294,
32.5946

■ 12.8664, 12.8500,
2.1630

■ 24.0579, 24.6793,
38.4288

■ 12.5056, 12.2386,
1.7032

■ 25.7230, 26.1032,
44.8612

■ 27.5185, 27.6025,
51.9082

■ 29.4476, 29.1786,
59.5858

Harmonies

Analogous

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



18.1842, 17.6310, 12.4603



16.6110, 17.6310, 11.7601



15.1681, 17.6310, 12.7789

Triad

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



16.6110, 17.6310, 11.7601



14.3340, 17.6310, 24.2967



19.6033, 17.6310, 23.4525

Complementary

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



16.6110, 17.6310, 11.7601



12.1579, 12.3160, 21.4751

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.



18.4547, 17.6310, 27.4690



16.6110, 17.6310, 11.7601



15.4079, 17.6310, 28.0076

Square

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



16.6110, 17.6310, 11.7601



13.9062, 17.6310, 19.6217



16.9053, 17.6310, 29.2503



19.9747, 17.6310, 18.7788

Rectangle

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



16.6110, 17.6310, 11.7601



14.4558, 17.6310, 14.4061



16.9053, 17.6310, 29.2503



19.2919, 17.6310, 24.9476

Sweetspot

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



16.6115, 17.6318, 11.7605



32.9872, 34.8740, 33.2227



14.3049, 12.2996, 13.2086



7.4484, 7.8785, 7.3663



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.



16.6115, 17.6318, 11.7605



28.2166, 29.9159, 17.5035



16.5764, 19.4174, 12.1070



4.5726, 4.8340, 4.6122



12.8261, 12.5486, 1.7461



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.1579, 12.3160, 21.4751



19.0948, 19.0313, 37.4114



12.1713, 11.0200, 21.2242



4.1938, 4.3815, 5.4380



4.4224, 2.6634, 20.5309



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6110, 17.6310, 11.7601 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 16.6110, 17.6310, 11.7601 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 16.6110, 17.6310, 11.7601

Background



This preview shows how black text looks on a background with the XYZ color 16.6110, 17.6310, 11.7601.



This preview shows how white text looks on a background with the XYZ color 16.6110, 17.6310,

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

16.6110, 17.6310, 11.7601

Protanopia

16.4643, 17.5553, 11.7533

Deuteranopia

17.9139, 17.6280, 11.9096



Tritanopia

18.3903, 17.6902, 20.2146

Trichromacy



Original Color

16.6110, 17.6310, 11.7601

Protanomaly

16.4643, 17.5553, 11.7533

Deuteranomaly

17.3812, 17.5181, 11.9164

Tritanomaly

17.6652, 17.5601, 16.6457

Monochromacy



Original Color

16.6110, 17.6310, 11.7601

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5926, 17.5245, 16.1437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6110, 17.6310, 11.7601 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(126, 116, 88)` looks like.

```
.text, #text, p{  
    color:rgb(126, 116, 88)  
}
```

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(126, 116, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 116, 88) }
```

Border

The CSS property to change the border of an element to XYZ 16.6110, 17.6310, 11.7601 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(126, 116, 88) }
```


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

```
.border{ border-color:rgb(126, 116, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 116, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 116, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 116, 88);  
box-shadow:4px 4px 4px 4px rgb(126, 116,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6110, 17.6310, 11.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 116, 88) }
```

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

```
.background{ background-color: rgb(126,  
116, 88) }
```

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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