

Converting Colors

XYZ(16.1416, 17.5941, 11.4334)

Have a look what the booklet for
XYZ(16.1416, 17.5941, 11.4334)
contains.

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Color

**XYZ(16.0670, 17.5320,
11.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7556
RGB	122, 117, 86
RGB Percent	48%, 46%, 34%
CMY	0.5216, 0.5412, 0.6627
CMYK	0.00, 0.04, 0.30, 0.52
HSL	52°, 17%, 41%
HSV	52°, 30%, 48%
XYZ	16.0670, 17.5320, 11.3413
YIQ	114.9610, 12.9310, -8.5810

Conversions

Conversions Part 2

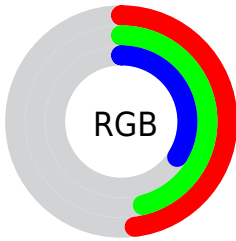
Format	Color
RYB	92, 122, 86
Decimal	8025430
CIELab	48.92, -3.38, 17.84
CIELCh	49, 18.153, 100.733
Yxy	17.5320, 0.3575, 0.3901
Android (android.graphics.Color)	4286215510 (0xFF7A7556)
YUV	114.9610, -14.2778, 6.1732
Hunter-Lab	41.8712, -4.7799, 13.2505

Details

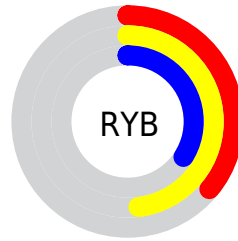
The XYZ color **16.0670, 17.5320, 11.3413** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.0916, 10.8654, 19.9250**, and the grayscale version is **16.3234, 17.1735, 18.7019**.

A 20% lighter version of the original color is **36.3111, 39.2675, 28.9581**, and **5.2588, 5.8259, 2.8548** is the 20% darker color. If you saturate the color by 10%, you get **15.4215, 16.9615, 8.9046**, and if you desaturate by 10%, it is **16.8009, 18.1448, 14.2219**.

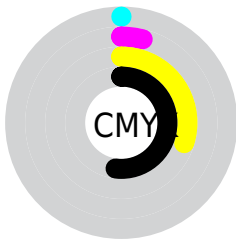
Distribution



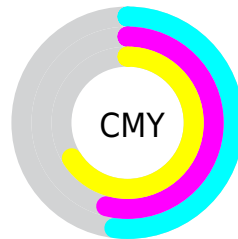
- Red (48%)
- Green (46%)
- Blue (34%)



- Red (36%)
- Yellow (48%)
- Blue (34%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0670, 17.5320, 11.3413 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 16.0670, 17.5320, 11.3413 by changing the saturation by 10% instead.

■ 16.0670, 17.5320,
11.3413

■ 16.0670, 17.5320,
11.3413

222.9994,
238.2198, 210.8151

■ 9.6627, 10.6145,
6.1798

■ 36.2710, 39.2382,
28.9358

■ 5.2365, 5.8083,
2.8842

■ 50.8014, 54.7958,
42.2060

■ 2.4228, 2.7288,
1.0358

■ 68.7713, 74.0021,
59.0161

■ 0.8565, 0.9919,
0.0000

■ 90.5459, 97.2417,
79.7847

■ 0.0000, 0.0000,
0.0000

■ 116.4907,
124.8988, 104.9304

146.9709,

157.3579, 134.8716

182.3520,
195.0035, 170.0270

■ 16.0670, 17.5320,
11.3413

■ 16.0670, 17.5320,
11.3413

■ 15.4215, 16.9615,
8.9046

■ 16.8009, 18.1448,
14.2219

■ 14.8588, 16.4293,
6.8883

■ 17.6259, 18.7991,
17.5662

■ 14.3746, 15.9341,
5.2683

■ 18.5460, 19.4972,
21.3941

■ 13.9639, 15.4739,
4.0177

■ 19.5649, 20.2407,
25.7240

■ 13.6208, 15.0463,
3.1061

■ 20.6859, 21.0308,
30.5733

■ 13.3387, 14.6487,
2.4985

■ 21.9120, 21.8688,
35.9587

■ 13.0961, 14.2725,
2.0819

■ 23.2465, 22.7560,
41.8960

■ 13.0843, 14.2541,
2.0617

■ 24.6920, 23.6936,
48.4004

■ 26.2516, 24.6828,
55.4866

Harmonies

Analogous

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



17.7568, 17.5320, 11.5960



16.0670, 17.5320, 11.3413



14.6359, 17.5320, 12.8813

Triad

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



16.0670, 17.5320, 11.3413



14.3252, 17.5320, 25.8135



19.9161, 17.5320, 22.3208

Complementary

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



16.0670, 17.5320, 11.3413



11.0916, 10.8654, 19.9250

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.



18.8705, 17.5320, 27.0271



16.0670, 17.5320, 11.3413



15.6163, 17.5320, 29.2670

Square

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



16.0670, 17.5320, 11.3413



13.6763, 17.5320, 20.8717



17.2749, 17.5320, 29.7452



20.0571, 17.5320, 17.4115

Rectangle

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



16.0670, 17.5320, 11.3413



13.9918, 17.5320, 14.8995



17.2749, 17.5320, 29.7452



19.6556, 17.5320, 23.9992

Sweetspot

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



16.0674, 17.5328, 11.3417



31.0539, 33.1078, 31.0876



13.2596, 11.5556, 11.5201



7.0586, 7.5376, 6.9361



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.



16.0674, 17.5328, 11.3417



27.5300, 30.2006, 17.1485



14.9953, 17.8676, 11.4628



4.2626, 4.5436, 4.2768



13.7713, 14.9985, 2.1692



65.2265, 70.6164, 10.1925

Inverse Universe

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



11.0916, 10.8654, 19.9250



17.3709, 16.5900, 34.6796



11.9428, 10.6911, 19.8465



3.8384, 3.9751, 5.0081



3.9043, 1.8910, 19.5445



18.2443, 8.2613, 93.1028

Previews

White Background



This preview shows how the XYZ color 16.0670, 17.5320, 11.3413 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 16.0670, 17.5320, 11.3413 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

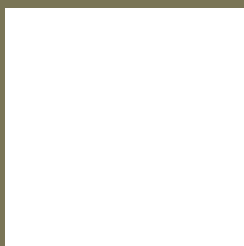
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0670, 17.5320, 11.3413

Background



This preview shows how black text looks on a background with the XYZ color 16.0670, 17.5320, 11.3413.



This preview shows how white text looks on a background with the XYZ color 16.0670, 17.5320,

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

16.0670, 17.5320, 11.3413

Protanopia

16.3826, 17.5226, 11.3229

Deuteranopia

17.7213, 17.3754, 11.4366



Tritanopia

17.8495, 17.4044, 20.5078

Trichromacy



Original Color

16.0670, 17.5320, 11.3413

Protanomaly

16.2373, 17.4478, 11.3161

Deuteranomaly

17.1411, 17.4039, 11.4727

Tritanomaly

17.1815, 17.4773, 16.6553

Monochromacy



Original Color

16.0670, 17.5320, 11.3413

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.2153, 17.3418, 15.5894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0670, 17.5320, 11.3413 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, 117, 86)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 86)  
}
```

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, 117, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 86) }
```

Border

The CSS property to change the border of an element to XYZ 16.0670, 17.5320, 11.3413 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, 117, 86) }
```


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

```
.border{ border-color:rgb(122, 117, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 86);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0670, 17.5320, 11.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 86) }
```

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

```
.background{ background-color: rgb(122,  
117, 86) }
```

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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