

Converting Colors

XYZ(14.1815, 16.7385, 11.0777)

Have a look what the booklet for
XYZ(14.1815, 16.7385, 11.0777)
contains.

XYZ(14.1815, 16.7385, 11.0777)	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(14.1815, 16.7385,
11.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7655
RGB	107, 118, 85
RGB Percent	42%, 46%, 33%
CMY	0.5804, 0.5372, 0.6667
CMYK	0.09, 0.00, 0.28, 0.54
HSL	80°, 16%, 40%
HSV	80°, 28%, 46%
XYZ	14.1815, 16.7385, 11.0777
YIQ	110.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

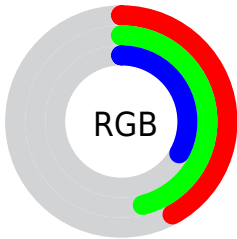
Format	Color
RYB	85, 118, 96
Decimal	7042645
CIELab	47.93, -10.36, 16.86
CIElCh	48, 19.785, 121.579
Yxy	16.7385, 0.3377, 0.3986
Android (android.graphics.Color)	4285232725 (0xFF6B7655)
YUV	110.9490, -12.7929, -3.4633
Hunter-Lab	40.9127, -9.7241, 12.5853

Details

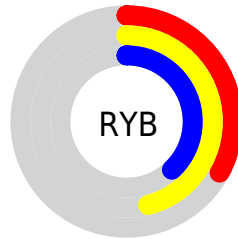
The XYZ color **14.1815, 16.7385, 11.0777** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.3430, 10.2922, 18.5292**, and the grayscale version is **15.1301, 15.9180, 17.3347**.

A 20% lighter version of the original color is **33.0460, 37.8696, 28.4895**, and **4.3600, 5.4566, 2.7429** is the 20% darker color. If you saturate the color by 10%, you get **13.2891, 16.3287, 8.7896**, and if you desaturate by 10%, it is **15.1745, 17.1921, 13.7794**.

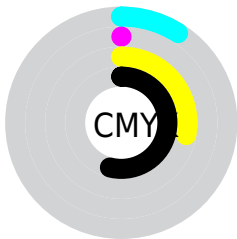
Distribution



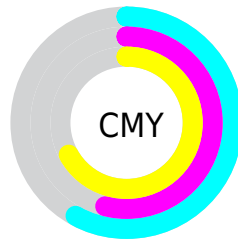
- Red (42%)
- Green (46%)
- Blue (33%)



- Red (33%)
- Yellow (46%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (54%)



- Cyan (58%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1815, 16.7385, 11.0777 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 14.1815, 16.7385, 11.0777 by changing the saturation by 10% instead.

■ 14.1815, 16.7385,
11.0777

■ 14.1815, 16.7385,
11.0777

211.8451,
233.6609, 208.9564

■ 8.3296, 10.0482,
6.0043

■ 32.9943, 37.8756,
28.4426

■ 4.3601, 5.4309,
2.7789

■ 46.6859, 53.0912,
41.5712

■ 1.9078, 2.5023,
0.9829

■ 63.7214, 71.9175,
58.2219

■ 0.5814, 0.8778,
0.0000

■ 84.4662, 94.7386,
78.8133

■ 0.0000, 0.0000,
0.0000

■ 109.2856,
121.9392, 103.7639

138.5450,

153.9035, 133.4922

172.6097,
191.0159, 168.4169

■ 14.1815, 16.7385,
11.0777

■ 14.1815, 16.7385,
11.0777

■ 13.2891, 16.3287,
8.7896

■ 15.1745, 17.1921,
13.7794

■ 12.4919, 15.9589,
6.8936

■ 16.2706, 17.6890,
16.9126

■ 11.7858, 15.6279,
5.3679

■ 17.4741, 18.2314,
20.4954

■ 11.1658, 15.3338,
4.1880

■ 18.7882, 18.8206,
24.5449

■ 10.6265, 15.0742,
3.3268

■ 20.2164, 19.4580,
29.0768

■ 10.1617, 14.8468,
2.7527

■ 21.7618, 20.1450,
34.1063

■ 9.7549, 14.6449,
2.3815

■ 23.4274, 20.8826,
39.6481

■ 9.6751, 14.6053,
2.3092

■ 25.2160, 21.6723,
45.7161

■ 27.1305, 22.5150,
52.3236

Harmonies

Analogous

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



15.8152, 16.7385, 10.0698



14.1815, 16.7385, 11.0777



13.0819, 16.7385, 13.9419

Triad

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



14.1815, 16.7385, 11.0777



14.3335, 16.7385, 28.2912



19.5868, 16.7385, 17.9563

Complementary

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



14.1815, 16.7385, 11.0777



11.3430, 10.2922, 18.5292

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.



19.1176, 16.7385, 23.3070



14.1815, 16.7385, 11.0777



16.0040, 16.7385, 29.9017

Square

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



14.1815, 16.7385, 11.0777



13.1649, 16.7385, 23.8631



17.7723, 16.7385, 27.9302



19.0111, 16.7385, 13.5538

Rectangle

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



14.1815, 16.7385, 11.0777



12.7546, 16.7385, 16.8255



17.7723, 16.7385, 27.9302



19.5459, 16.7385, 19.7008

Sweetspot

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



14.1819, 16.7392, 11.0781



28.5608, 31.0804, 29.5996



13.2943, 12.8737, 10.3787



6.5087, 7.1197, 6.6370



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.1819, 16.7392, 11.0781



23.8369, 28.9272, 16.6340



12.3839, 15.8123, 10.9939



3.8537, 4.2080, 3.9514



10.4531, 15.7931, 2.4974



50.0034, 76.4795, 12.1266

Inverse Universe

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



11.3430, 10.2922, 18.5292



17.9167, 15.4776, 32.1802



13.2650, 11.2830, 18.6191



3.6051, 3.6437, 4.6035



4.4445, 1.8825, 18.6717



20.8347, 8.7492, 90.9509

Previews

White Background



This preview shows how the XYZ color 14.1815, 16.7385, 11.0777 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 14.1815, 16.7385, 11.0777 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 14.1815, 16.7385, 11.0777

Background



This preview shows how black text looks on a background with the XYZ color 14.1815, 16.7385, 11.0777.



This preview shows how white text looks on a background with the XYZ color 14.1815, 16.7385,

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

14.1815, 16.7385, 11.0777

Protanopia

15.4925, 16.5724, 10.5659

Deuteranopia

16.8618, 16.6119, 11.3345



Tritanopia

16.1001, 16.6601, 20.7795

Trichromacy



Original Color

14.1815, 16.7385, 11.0777

Protanomaly

15.0671, 16.6835, 10.8136

Deuteranomaly

15.7861, 16.5453, 11.1656

Tritanomaly

15.3215, 16.6806, 16.8801

Monochromacy



Original Color

14.1815, 16.7385, 11.0777

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8460, 16.3089, 14.9358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1815, 16.7385, 11.0777 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(107, 118, 85)` looks like.

```
.text, #text, p{  
    color:rgb(107, 118, 85)  
}
```

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(107, 118, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 118, 85) }
```

Border

The CSS property to change the border of an element to XYZ 14.1815, 16.7385, 11.0777 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(107, 118, 85) }
```


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

```
.border{ border-color:rgb(107, 118, 85) }
```

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

Here you see how a box with a 4 pixel rgb(107, 118, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 118, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 118, 85);  
box-shadow:4px 4px 4px 4px rgb(107, 118,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1815, 16.7385, 11.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 118, 85) }
```

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

```
.background{ background-color: rgb(107,  
118, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor