

Converting Colors

XYZ(14.5388, 16.8358, 6.1469)

Have a look what the booklet for
XYZ(14.5388, 16.8358, 6.1469)
contains.

XYZ(14.5221, 16.8500, 6.1014)	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(14.5221, 16.8500,
6.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	767537
RGB	118, 117, 55
RGB Percent	46%, 46%, 22%
CMY	0.5373, 0.5412, 0.7843
CMYK	0.00, 0.01, 0.53, 0.54
HSL	59°, 36%, 34%
HSV	59°, 53%, 46%
XYZ	14.5221, 16.8500, 6.1014
YIQ	110.2310, 20.4980, -19.0700

Conversions

Conversions Part 2

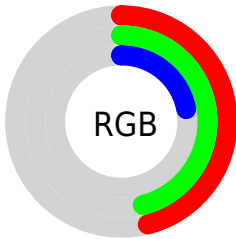
Format	Color
RYB	56, 118, 55
Decimal	7763255
CIELab	48.07, -8.86, 33.93
CIELCh	48, 35.071, 104.641
Yxy	16.8500, 0.3875, 0.4497
Android (android.graphics.Color)	4285953335 (0xFF767537)
YUV	110.2310, -27.2289, 6.8134
Hunter-Lab	41.0488, -8.6861, 19.9214

Details

The XYZ color **14.5221, 16.8500, 6.1014** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.2597, 4.9484, 17.7647**, and the grayscale version is **14.9595, 15.7385, 17.1393**.

A 20% lighter version of the original color is **33.6999, 38.1461, 18.6835**, and **4.5504, 5.5005, 1.0229** is the 20% darker color. If you saturate the color by 10%, you get **14.2509, 16.7074, 4.7787**, and if you desaturate by 10%, it is **14.8618, 17.0213, 7.7812**.

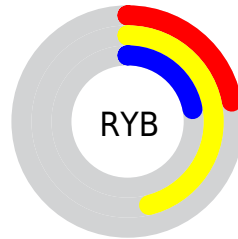
Distribution



Red (46%)

Green (46%)

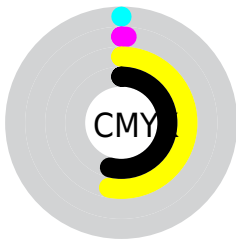
Blue (22%)



Red (22%)

Yellow (46%)

Blue (22%)

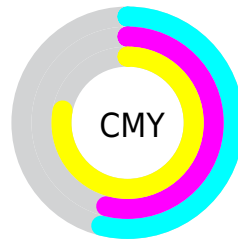


Cyan (0%)

Magenta (1%)

Yellow (53%)

Black (54%)



Cyan (54%)

Magenta (54%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5221, 16.8500, 6.1014 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 14.5221, 16.8500, 6.1014 by changing the saturation by 10% instead.

■ 14.5221, 16.8500,
6.1014

■ 14.5221, 16.8500,
6.1014

■ 213.9013,
234.3065, 169.3101

■ 8.5688, 10.1276,
2.8371

■ 33.5912, 38.0677,
18.6223

■ 4.5159, 5.4836,
1.0120

■ 47.4377, 53.3318,
28.7159

■ 1.9979, 2.5337,
0.0000

■ 64.6459, 72.2119,
41.9230

■ 0.6328, 0.8935,
0.0000

■ 85.5813, 95.0924,
58.6622

■ 0.0000, 0.0000,
0.0000

■ 110.6092,
122.3577, 79.3520

■ 140.0949,

154.3923, 104.4108

174.4038,
191.5804, 134.2574

■ 14.5221, 16.8500,
6.1014

■ 14.5221, 16.8500,
6.1014

■ 14.2509, 16.7074,
4.7787

■ 14.8618, 17.0213,
7.7812

■ 14.0421, 16.5892,
3.7862

■ 15.2733, 17.2208,
9.8403

■ 13.8906, 16.4939,
3.0949

■ 15.7609, 17.4508,
12.3004

■ 13.7890, 16.4188,
2.6664

■ 16.3285, 17.7129,
15.1812

■ 13.7320, 16.3732,
2.4366

■ 16.9795, 18.0084,
18.5011

■ 17.7172, 18.3387,
22.2775

■ 18.5448, 18.7049,
26.5268

■ 19.4652, 19.1084,
31.2645

■ 20.4811, 19.5502,
36.5055

Harmonies

Analogous

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



17.6864, 16.8500, 6.1286



14.5221, 16.8500, 6.1014



12.0992, 16.8500, 8.5105

Triad

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



14.5221, 16.8500, 6.1014



12.0545, 16.8500, 33.5685



22.6490, 16.8500, 23.3752

Complementary

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



14.5221, 16.8500, 6.1014



6.2597, 4.9484, 17.7647

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.



20.6968, 16.8500, 33.8004



14.5221, 16.8500, 6.1014



14.4531, 16.8500, 40.8824

Square

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



14.5221, 16.8500, 6.1014



10.8076, 16.8500, 23.1278



17.6078, 16.8500, 40.9790



22.6739, 16.8500, 14.2747

Rectangle

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



14.5221, 16.8500, 6.1014



11.1103, 16.8500, 11.8343



17.6078, 16.8500, 40.9790



22.1860, 16.8500, 26.8945

Sweetspot

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



14.5225, 16.8508, 6.1017



28.3954, 31.0005, 25.0891



9.5525, 6.8701, 4.5706



6.4920, 7.1107, 5.5827



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.



14.5225, 16.8508, 6.1017



24.9678, 29.3277, 7.9694



11.1501, 15.2855, 5.9774



3.9619, 4.2568, 3.9551



14.8553, 17.7117, 2.6358



72.3285, 86.1855, 12.8233

Inverse Universe

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



6.2597, 4.9484, 17.7647



8.7745, 6.0041, 30.8334



8.4236, 5.9930, 17.8522



3.5048, 3.5983, 4.6001



3.5587, 1.4571, 18.6363



17.2825, 6.9816, 90.7970

Previews

White Background



This preview shows how the XYZ color 14.5221, 16.8500, 6.1014 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 14.5221, 16.8500, 6.1014 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 14.5221, 16.8500, 6.1014

Background



This preview shows how black text looks on a background with the XYZ color 14.5221, 16.8500, 6.1014.



This preview shows how white text looks on a background with the XYZ color 14.5221, 16.8500,

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

14.5221, 16.8500, 6.1014

Protanopia

15.2874, 16.7366, 5.9148

Deuteranopia

17.0224, 16.8081, 6.2180



Tritanopia

17.2179, 16.7689, 19.7820

Trichromacy



Original Color

14.5221, 16.8500, 6.1014

Protanomaly

14.9650, 16.7388, 5.9322

Deuteranomaly

16.0237, 16.7794, 6.1356

Tritanomaly

16.0425, 16.7924, 13.4621

Monochromacy



Original Color

14.5221, 16.8500, 6.1014

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5606, 16.0592, 12.0052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5221, 16.8500, 6.1014 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(118, 117, 55)` looks like.

```
.text, #text, p{  
    color:rgb(118, 117, 55)  
}
```

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(118, 117, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 117, 55) }
```

Border

The CSS property to change the border of an element to XYZ 14.5221, 16.8500, 6.1014 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(118, 117, 55) }
```


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

```
.border{ border-color:rgb(118, 117, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 117, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 117, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 117, 55);  
box-shadow:4px 4px 4px 4px rgb(118, 117,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5221, 16.8500, 6.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 117, 55) }
```

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

```
.background{ background-color: rgb(118,  
117, 55) }
```

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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