

Converting Colors

XYZ(14.7202, 16.1621, 1.5686)

Have a look what the booklet for
XYZ(14.7202, 16.1621, 1.5686)
contains.

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Color

**XYZ(14.8474, 16.2555,
2.3551)**

Conversions

Conversions Part 1

Format	Color
Hex	817000
RGB	129, 112, 0
RGB Percent	51%, 44%, 0%
CMY	0.4941, 0.5608, 1.0000
CMYK	0.00, 0.13, 1.00, 0.49
HSL	52°, 100%, 25%
HSV	52°, 100%, 51%
XYZ	14.8474, 16.2555, 2.3551
YIQ	104.3150, 46.0840, -31.2280

Conversions

Conversions Part 2

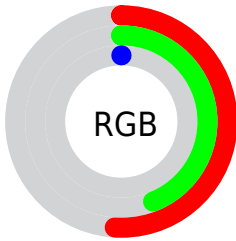
Format	Color
R_{YB}	20, 129, 0
Decimal	8482816
CIE Lab	47.31, -3.60, 53.43
CIE LCh	47, 53.548, 93.852
Yxy	16.2555, 0.4438, 0.4858
Android (android.graphics.Color)	4286672896 (0xFF817000)
YUV	104.3150, -51.4273, 21.6487
Hunter-Lab	40.3181, -4.8229, 24.7594

Details

The XYZ color **14.8474, 16.2555, 2.3551** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.1630, 1.9860, 20.9325**, and the grayscale version is **13.3684, 14.0646, 15.3163**.

A 20% lighter version of the original color is **34.0020, 36.8676, 10.0267**, and **4.7919, 5.2764, 0.7659** is the 20% darker color. If you saturate the color by 10%, you get **14.8476, 16.2561, 2.3552**, and if you desaturate by 10%, it is **15.1091, 16.6637, 2.7977**.

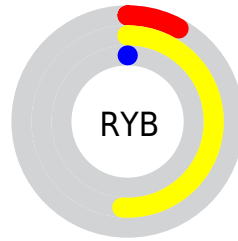
Distribution



Red (51%)

Green (44%)

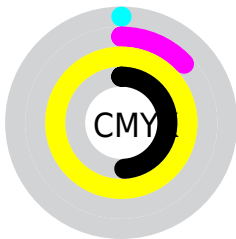
Blue (0%)



Red (8%)

Yellow (51%)

Blue (0%)

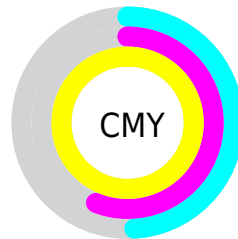


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8474, 16.2555, 2.3551 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 14.8474, 16.2555, 2.3551 by changing the saturation by 10% instead.

■ 14.8474, 16.2555,
2.3551

■ 14.8474, 16.2555,
2.3551

215.8474,
230.8447, 127.6677

■ 8.7980, 9.7051,
0.7618

■ 34.1591, 37.0412,
9.9907

■ 4.6657, 5.2039,
0.0000

■ 48.1521, 52.0453,
16.8839

■ 2.0852, 2.3674,
0.0000

■ 65.5237, 70.6361,
26.3855

■ 0.6812, 0.8090,
0.0000

■ 86.6392, 93.1981,
38.9140


■ 0.0000, 0.0000,
0.0000


■ 111.8639,
120.1155, 54.8879


■ 141.5633,


151.7728, 74.7258


 176.1027,
188.5544, 98.8462


 14.8474, 16.2555,
2.3551


 14.8474, 16.2555,
2.3551


 14.8476, 16.2561,
2.3552

 15.1091, 16.6637,
2.7977

 15.4142, 17.0944,
3.4531

 15.7878, 17.5581,
4.4510

 16.2375, 18.0581,
5.8323

 16.7700, 18.5970,
7.6321

■ 17.3914, 19.1773,
9.8817

■ 18.1069, 19.8010,
12.6091

■ 18.9216, 20.4703,
15.8403

■ 19.8399, 21.1869,
19.5993

Harmonies

Analogous

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



19.8154, 16.2555, 3.1021



14.8474, 16.2555, 2.3551



10.9174, 16.2555, 3.6830

Triad

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



14.8474, 16.2555, 2.3551



9.0607, 16.2555, 36.5367



25.1378, 16.2555, 31.8401

Complementary

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



14.8474, 16.2555, 2.3551



4.1630, 1.9860, 20.9325

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.



21.0911, 16.2555, 49.3438



14.8474, 16.2555, 2.3551



11.7786, 16.2555, 52.8917

Square

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



14.8474, 16.2555, 2.3551



8.0361, 16.2555, 19.5076



16.0694, 16.2555, 58.4872



26.4182, 16.2555, 16.0067

Rectangle

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



14.8474, 16.2555, 2.3551



9.2080, 16.2555, 6.3513



16.0694, 16.2555, 58.4872



24.0203, 16.2555, 37.9409

Sweetspot

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



14.8478, 16.2563, 2.3554



32.3295, 35.3780, 22.2051



9.1560, 4.7083, 0.9650



7.2124, 7.9173, 4.6204



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.8478, 16.2563, 2.3554



26.5107, 28.9544, 4.1915



11.3040, 17.4808, 2.7786



4.6186, 4.9259, 4.6275



14.4790, 15.8543, 2.2971



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.1630, 1.9860, 20.9325



7.3861, 3.4188, 37.4631



5.1488, 2.1967, 20.9212



4.1510, 4.2961, 5.4237



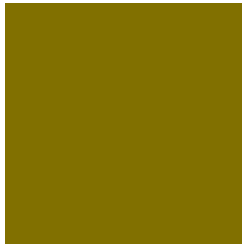
4.0608, 1.9401, 20.4104



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8474, 16.2555, 2.3551 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



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 14.8474, 16.2555, 2.3551

Background



This preview shows how black text looks on a background with the XYZ color 14.8474, 16.2555, 2.3551.



This preview shows how white text looks on a background with the XYZ color 14.8474, 16.2555,

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

14.8474, 16.2555, 2.3551

Protanopia

14.6740, 16.3289, 2.4645

Deuteranopia

16.4857, 16.2952, 2.6572



Tritanopia

17.8666, 16.2214, 17.5186

Trichromacy



Original Color

14.8474, 16.2555, 2.3551

Protanomaly

14.8182, 16.4038, 2.4427

Deuteranomaly

15.8290, 16.2732, 2.5365

Tritanomaly

16.0679, 15.9569, 8.1943

Monochromacy



Original Color

14.8474, 16.2555, 2.3551

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.0511, 14.4194, 7.2496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8474, 16.2555, 2.3551 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(129, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 112, 0)  
}
```

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(129, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.8474, 16.2555, 2.3551 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(129, 112, 0) }
```


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

```
.border{ border-color:rgb(129, 112, 0) }
```

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

Here you see how a box with a 4 pixel rgb(129, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8474, 16.2555, 2.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 112, 0) }
```

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

```
.background{ background-color: rgb(129,  
112, 0) }
```

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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