

Converting Colors

XYZ(11.6070, 14.6187, 2.2099)

Have a look what the booklet for
XYZ(11.6070, 14.6187, 2.2099)
contains.

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Color

**XYZ(11.6199, 14.5916,
2.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	697000
RGB	105, 112, 0
RGB Percent	41%, 44%, 0%
CMY	0.5882, 0.5608, 1.0000
CMYK	0.06, 0.00, 1.00, 0.56
HSL	64°, 100%, 22%
HSV	64°, 100%, 44%
XYZ	11.6199, 14.5916, 2.2040
YIQ	97.1390, 31.7800, -36.3160

Conversions

Conversions Part 2

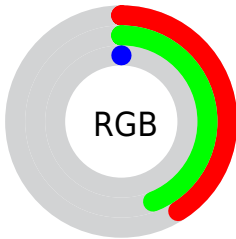
Format	Color
RYB	0, 112, 7
Decimal	6909952
CIELab	45.07, -15.08, 50.79
CIELCh	45, 52.976, 106.533
Yxy	14.5916, 0.4089, 0.5135
Android (android.graphics.Color)	4285100032 (0xFF697000)
YUV	97.1390, -47.8895, 6.8941
Hunter-Lab	38.1990, -12.5495, 23.3184

Details

The XYZ color **11.6199, 14.5916, 2.2040** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.0126, 1.2153, 15.4059**, and the grayscale version is **11.5057, 12.1049, 13.1822**.

A 20% lighter version of the original color is **28.4430, 34.2696, 9.6730**, and **3.3547, 4.4511, 0.6823** is the 20% darker color. If you saturate the color by 10%, you get **11.6202, 14.5922, 2.2041**, and if you desaturate by 10%, it is **11.7644, 14.6595, 2.5324**.

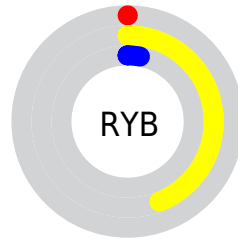
Distribution



Red (41%)

Green (44%)

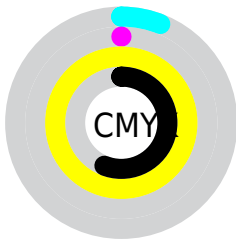
Blue (0%)



Red (0%)

Yellow (44%)

Blue (3%)

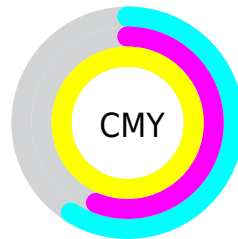


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (59%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6199, 14.5916, 2.2040 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 11.6199, 14.5916, 2.2040 by changing the saturation by 10% instead.

■ 11.6199, 14.5916,
2.2040

■ 11.6199, 14.5916,
2.2040

195.6942,
220.8808, 125.4681

■ 6.5558, 8.5333,
0.6767

■ 28.4238, 34.1351,
9.5914

■ 3.2297, 4.4380,
0.0000

■ 40.8943, 48.3891,
16.3162

■ 1.2764, 1.9215,
0.0000

■ 56.5643, 66.1437,
25.6197

■ 0.1654, 0.5612,
0.0000

■ 75.7991, 87.7834,
37.9206


■ 0.0000, 0.0000,
0.0000


■ 98.9642, 113.6926,
53.6373


■ 126.4248,


144.2556, 73.1885


 158.5464,
179.8569, 96.9926


 11.6199, 14.5916,
2.2040


 11.6199, 14.5916,
2.2040


 11.6202, 14.5922,
2.2041

 11.7644, 14.6595,
2.5324

 11.9349, 14.7373,
2.9953

 12.1531, 14.8343,
3.7066

 12.4247, 14.9527,
4.6945

 12.7540, 15.0943,
5.9836

■ 13.1454, 15.2608,
7.5957

■ 13.6026, 15.4537,
9.5505

■ 14.1290, 15.6743,
11.8664

■ 14.7278, 15.9240,
14.5601

Harmonies

Analogous

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



15.9118, 14.5916, 2.1162



11.6199, 14.5916, 2.2040



8.6361, 14.5916, 4.4417

Triad

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



11.6199, 14.5916, 2.2040



8.8692, 14.5916, 40.4218



23.7100, 14.5916, 22.1525

Complementary

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



11.6199, 14.5916, 2.2040



3.0126, 1.2153, 15.4059

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.



20.8770, 14.5916, 38.7543



11.6199, 14.5916, 2.2040



12.0088, 14.5916, 52.4821

Square

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



11.6199, 14.5916, 2.2040



7.2907, 14.5916, 23.7358



16.3908, 14.5916, 51.7489



23.5445, 14.5916, 9.9939

Rectangle

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



11.6199, 14.5916, 2.2040



7.5186, 14.5916, 8.1236



16.3908, 14.5916, 51.7489



23.0550, 14.5916, 27.4787

Sweetspot

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



11.6202, 14.5923, 2.2043



23.8272, 27.1183, 16.4827



6.7433, 3.5666, 0.3332



5.6590, 6.4875, 3.6781



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.6202, 14.5923, 2.2043



20.3748, 25.6141, 3.8701



7.1300, 12.2775, 1.9942



3.6223, 3.9061, 3.6364



13.4259, 16.8650, 2.5477



66.6088, 83.8721, 12.6783

Inverse Universe

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



3.0126, 1.2153, 15.4059



5.2516, 2.1138, 27.0610



4.8867, 2.1814, 15.4936



3.2352, 3.3095, 4.2225



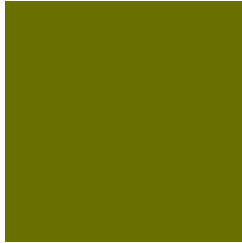
3.4749, 1.4008, 17.8088



17.0473, 6.8426, 88.7014

Previews

White Background



This preview shows how the XYZ color 11.6199, 14.5916, 2.2040 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 11.6199, 14.5916, 2.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

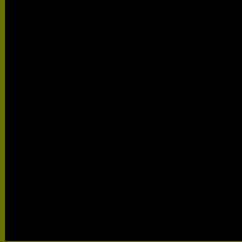
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6199, 14.5916, 2.2040

Background



This preview shows how black text looks on a background with the XYZ color 11.6199, 14.5916, 2.2040.



This preview shows how white text looks on a background with the XYZ color 11.6199, 14.5916,

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

11.6199, 14.5916, 2.2040

Protanopia

13.0034, 14.5085, 2.1151

Deuteranopia

14.7545, 14.5019, 2.5938



Tritanopia

14.6850, 14.5812, 17.3697

Trichromacy



Original Color

11.6199, 14.5916, 2.2040

Protanomaly

12.5389, 14.5821, 2.1538

Deuteranomaly

13.4242, 14.4124, 2.3910

Tritanomaly

12.8254, 14.2853, 8.0426

Monochromacy



Original Color

11.6199, 14.5916, 2.2040

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8764, 12.5599, 6.4085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6199, 14.5916, 2.2040 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(105, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 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(105, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.6199, 14.5916, 2.2040 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(105, 112, 0) }
```


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

```
.border{ border-color:rgb(105, 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(105, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6199, 14.5916, 2.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 112, 0) }
```

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

```
.background{ background-color: rgb(105,  
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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