

Converting Colors

XYZ(11.1446, 14.6881, 0.7151)

Have a look what the booklet for
XYZ(11.1446, 14.6881, 0.7151)
contains.

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Color

**XYZ(11.4968, 14.8594,
2.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	667200
RGB	102, 114, 0
RGB Percent	40%, 45%, 0%
CMY	0.6000, 0.5529, 1.0000
CMYK	0.11, 0.00, 1.00, 0.55
HSL	66°, 100%, 22%
HSV	66°, 100%, 45%
XYZ	11.4968, 14.8594, 2.2622
YIQ	97.4160, 29.4420, -37.9980

Conversions

Conversions Part 2

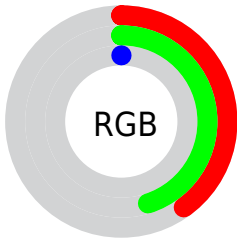
Format	Color
RYB	0, 114, 12
Decimal	6713856
CIELab	45.44, -17.56, 50.95
CIELCh	45, 53.890, 109.012
Yxy	14.8594, 0.4017, 0.5192
Android (android.graphics.Color)	4284903936 (0xFF667200)
YUV	97.4160, -48.0261, 4.0202
Hunter-Lab	38.5479, -14.2217, 23.5041

Details

The XYZ color **11.4968, 14.8594, 2.2622** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.1893, 1.2934, 16.0020**, and the grayscale version is **11.5751, 12.1779, 13.2617**.

A 20% lighter version of the original color is **28.2160, 34.6882, 9.7658**, and **3.3135, 4.6002, 0.7133** is the 20% darker color. If you saturate the color by 10%, you get **11.4970, 14.8600, 2.2623**, and if you desaturate by 10%, it is **11.6969, 14.9558, 2.5994**.

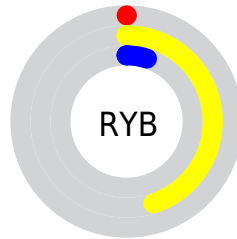
Distribution



Red (40%)

Green (45%)

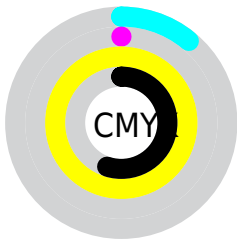
Blue (0%)



Red (0%)

Yellow (45%)

Blue (5%)

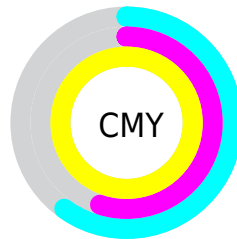


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4968, 14.8594, 2.2622 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 11.4968, 14.8594, 2.2622 by changing the saturation by 10% instead.

■ 11.4968, 14.8594,
2.2622

■ 11.4968, 14.8594,
2.2622

194.8836,
222.5136, 126.3239

■ 6.4718, 8.7208,
0.7099

■ 28.2001, 34.6063,
9.7460

■ 3.1774, 4.5595,
0.0000

■ 40.6091, 48.9834,
16.5363

■ 1.2482, 1.9912,
0.0000

■ 56.2102, 66.8755,
25.9169

■ 0.1440, 0.6024,
0.0000

■ 75.3687, 88.6668,
38.3064


■ 0.0000, 0.0000,
0.0000


■ 98.4499, 114.7420,
54.1233


■ 125.8192,


145.4852, 73.7862


 157.8420,
181.2809, 97.7135


 11.4968, 14.8594,
2.2622


 11.4968, 14.8594,
2.2622


 11.4970, 14.8600,
2.2623

 11.6969, 14.9558,
2.5994

 11.9259, 15.0635,
3.0795

 12.2059, 15.1918,
3.8181

 12.5426, 15.3430,
4.8448

 12.9409, 15.5190,
6.1854

■ 13.4051, 15.7217,
7.8625

■ 13.9392, 15.9525,
9.8969

■ 14.5467, 16.2130,
12.3076

■ 15.2310, 16.5044,
15.1123

Harmonies

Analogous

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



15.8314, 14.8594, 2.0298



11.4968, 14.8594, 2.2622



8.5637, 14.8594, 4.7865

Triad

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



11.4968, 14.8594, 2.2622



9.1895, 14.8594, 42.8920



24.3905, 14.8594, 21.3571

Complementary

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



11.4968, 14.8594, 2.2622



3.1893, 1.2934, 16.0020

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.



21.6825, 14.8594, 38.3804



11.4968, 14.8594, 2.2622



12.5429, 14.8594, 54.5394

Square

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



11.4968, 14.8594, 2.2622



7.4395, 14.8594, 25.6299



17.1224, 14.8594, 52.5536



23.9438, 14.8594, 9.3949

Rectangle

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



11.4968, 14.8594, 2.2622



7.5061, 14.8594, 8.8488



17.1224, 14.8594, 52.5536



23.7995, 14.8594, 26.7330

Sweetspot

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



11.4971, 14.8601, 2.2625



24.4163, 27.9984, 17.0892



7.0642, 3.8264, 0.3664



5.5745, 6.4439, 3.6741



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.



11.4971, 14.8601, 2.2625



20.1411, 26.0804, 3.9725



7.1267, 12.6070, 2.0580



3.6090, 3.8993, 3.6358



12.7896, 16.5370, 2.5179



63.2796, 82.1559, 12.5225

Inverse Universe

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



3.1893, 1.2934, 16.0020



5.5439, 2.2414, 28.1159



5.4497, 2.4587, 16.1078



3.2472, 3.3157, 4.2231



3.5415, 1.4351, 17.8120



17.2697, 6.9572, 88.7118

Previews

White Background



This preview shows how the XYZ color 11.4968, 14.8594, 2.2622 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 11.4968, 14.8594, 2.2622 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 11.4968, 14.8594, 2.2622

Background



This preview shows how black text looks on a background with the XYZ color 11.4968, 14.8594, 2.2622.



This preview shows how white text looks on a background with the XYZ color 11.4968, 14.8594,

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

11.4968, 14.8594, 2.2622

Protanopia

13.2477, 14.7901, 2.1565

Deuteranopia

15.0223, 14.7840, 2.6779



Tritanopia

14.6217, 14.8380, 18.0130

Trichromacy



Original Color

11.4968, 14.8594, 2.2622

Protanomaly

12.5154, 14.7293, 2.1834

Deuteranomaly

13.5326, 14.6197, 2.4565

Tritanomaly

12.7346, 14.5441, 8.4394

Monochromacy



Original Color

11.4968, 14.8594, 2.2622

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8653, 12.7009, 6.4363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4968, 14.8594, 2.2622 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(102, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 114, 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(102, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 114, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.4968, 14.8594, 2.2622 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(102, 114, 0) }
```


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

```
.border{ border-color:rgb(102, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 114,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4968, 14.8594, 2.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 114, 0) }
```

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

```
.background{ background-color: rgb(102,  
114, 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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