

Converting Colors

XYZ(13.1813, 17.5216, 1.3035)

Have a look what the booklet for
XYZ(13.1813, 17.5216, 1.3035)
contains.

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Color

**XYZ(13.3920, 17.6034,
2.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7C00
RGB	108, 124, 0
RGB Percent	42%, 49%, 0%
CMY	0.5765, 0.5137, 1.0000
CMYK	0.13, 0.00, 1.00, 0.51
HSL	68°, 100%, 24%
HSV	68°, 100%, 49%
XYZ	13.3920, 17.6034, 2.6920
YIQ	105.0800, 30.2680, -41.9560

Conversions

Conversions Part 2

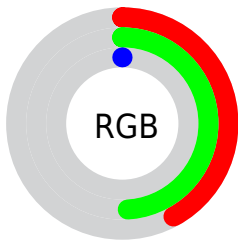
Format	Color
RYB	0, 124, 16
Decimal	7109632
CIELab	49.01, -20.04, 53.82
CIELCh	49, 57.435, 110.424
Yxy	17.6034, 0.3975, 0.5226
Android (android.graphics.Color)	4285299712 (0xFF6C7C00)
YUV	105.0800, -51.8044, 2.5608
Hunter-Lab	41.9564, -16.4486, 25.5653

Details

The XYZ color **13.3920, 17.6034, 2.6920** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.8523, 1.5658, 19.1690**, and the grayscale version is **13.5799, 14.2872, 15.5587**.

A 20% lighter version of the original color is **31.5837, 39.2189, 10.9064**, and **4.1470, 5.8729, 0.9150** is the 20% darker color. If you saturate the color by 10%, you get **13.3922, 17.6041, 2.6921**, and if you desaturate by 10%, it is **13.6577, 17.7330, 3.0641**.

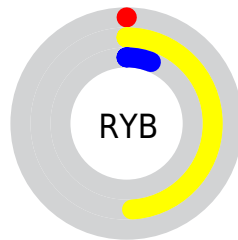
Distribution



Red (42%)

Green (49%)

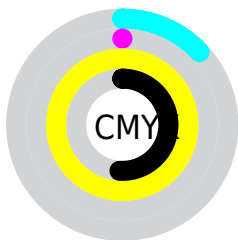
Blue (0%)



Red (0%)

Yellow (49%)

Blue (6%)

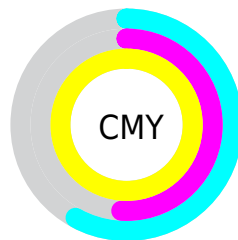


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3920, 17.6034, 2.6920 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 13.3920, 17.6034, 2.6920 by changing the saturation by 10% instead.

■ 13.3920, 17.6034,
2.6920

■ 13.3920, 17.6034,
2.6920

207.0021,
238.6260, 132.3356

■ 7.7779, 10.6656,
0.9394

■ 31.6016, 39.3604,
10.8585

■ 4.0038, 5.8425,
0.0000

■ 44.9278, 54.9483,
18.1096

■ 1.7043, 2.7495,
0.0000

■ 61.5554, 74.1885,
28.0308

■ 0.4589, 1.0024,
0.0000


■ 81.8498, 97.4653,
41.0405


■ 0.0000, 0.0000,
0.0000


■ 106.1763,
125.1630, 57.5573


■ 134.9003,


157.6661, 77.9997


 168.3871,
195.3590, 102.7863


 13.3920, 17.6034,
2.6920


 13.3920, 17.6034,
2.6920


 13.3922, 17.6041,
2.6921

 13.6577, 17.7330,
3.0641

 13.9623, 17.8780,
3.6239

 14.3298, 18.0485,
4.4961

 14.7672, 18.2474,
5.7175

 15.2806, 18.4771,
7.3201

■ 15.8753, 18.7398,
9.3319

■ 16.5563, 19.0374,
11.7785

■ 17.3279, 19.3717,
14.6834

■ 18.1944, 19.7444,
18.0683

Harmonies

Analogous

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



18.5020, 17.6034, 2.3209



13.3920, 17.6034, 2.6920



9.9885, 17.6034, 5.8567

Triad

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



13.3920, 17.6034, 2.6920



10.9956, 17.6034, 52.0280



29.0646, 17.6034, 24.4983

Complementary

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



13.3920, 17.6034, 2.6920



3.8523, 1.5658, 19.1690

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.



25.9801, 17.6034, 44.7337



13.3920, 17.6034, 2.6920



15.0777, 17.6034, 65.3730

Square

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



13.3920, 17.6034, 2.6920



8.8235, 17.6034, 31.3972



20.5846, 17.6034, 62.1605



28.3432, 17.6034, 10.6141

Rectangle

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



13.3920, 17.6034, 2.6920



8.7896, 17.6034, 10.8929



20.5846, 17.6034, 62.1605



28.4173, 17.6034, 30.8312

Sweetspot

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



13.3924, 17.6042, 2.6924



29.0422, 33.4599, 20.3901



8.4762, 4.6123, 0.4438



6.7383, 7.8360, 4.4327



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.3924, 17.6042, 2.6924



23.4848, 30.9357, 4.7334



8.4054, 15.0333, 2.4590



4.2593, 4.6090, 4.2896



13.6123, 17.8946, 2.7366



64.4271, 85.0988, 13.0300

Inverse Universe

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



3.8523, 1.5658, 19.1690



6.7058, 2.7174, 33.7277



6.6565, 3.0114, 19.3002



3.8413, 3.9161, 4.9966



3.9143, 1.5907, 19.4860



18.2560, 7.3733, 92.9308

Previews

White Background



This preview shows how the XYZ color 13.3920, 17.6034, 2.6920 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 13.3920, 17.6034, 2.6920 looks on a black 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

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

XYZ 13.3920, 17.6034, 2.6920

Background



This preview shows how black text looks on a background with the XYZ color 13.3920, 17.6034, 2.6920.



This preview shows how white text looks on a background with the XYZ color 13.3920, 17.6034,

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

13.3920, 17.6034, 2.6920

Protanopia

15.7214, 17.5479, 2.5585

Deuteranopia

17.7439, 17.4090, 3.1345



Tritanopia

17.1049, 17.4986, 21.5448

Trichromacy



Original Color

13.3920, 17.6034, 2.6920

Protanomaly

14.8848, 17.6439, 2.6211

Deuteranomaly

15.8762, 17.2771, 2.8788

Tritanomaly

14.8291, 17.0988, 9.9160

Monochromacy



Original Color

13.3920, 17.6034, 2.6920

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.7511, 15.0578, 7.5446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3920, 17.6034, 2.6920 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(108, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 124, 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(108, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 124, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.3920, 17.6034, 2.6920 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(108, 124, 0) }
```


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

```
.border{ border-color:rgb(108, 124, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 124, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 124,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3920, 17.6034, 2.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 124, 0) }
```

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

```
.background{ background-color: rgb(108,  
124, 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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