

Converting Colors

XYZ(14.7367, 17.5358, 4.0469)

Have a look what the booklet for
XYZ(14.7367, 17.5358, 4.0469)
contains.

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Color

**XYZ(14.7367, 17.5358,
4.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	787821
RGB	120, 120, 33
RGB Percent	47%, 47%, 13%
CMY	0.5294, 0.5294, 0.8706
CMYK	0.00, 0.00, 0.72, 0.53
HSL	60°, 57%, 30%
HSV	60°, 72%, 47%
XYZ	14.7367, 17.5358, 4.0469
YIQ	110.0820, 27.9270, -27.0570

Conversions

Conversions Part 2

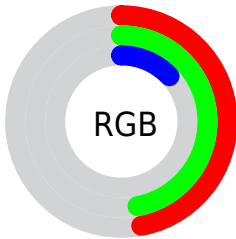
Format	Color
R_{YB}	33, 120, 33
Decimal	7895073
CIE Lab	48.93, -11.25, 45.20
CIE LCh	49, 46.580, 103.979
Yxy	17.5358, 0.4058, 0.4828
Android (android.graphics.Color)	4286085153 (0xFF787821)
YUV	110.0820, -38.0014, 8.6981
Hunter-Lab	41.8758, -10.4658, 23.5832

Details

The XYZ color **14.7367, 17.5358, 4.0469** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.5617, 2.7675, 18.0641**, and the grayscale version is **14.9451, 15.7234, 17.1228**.

A 20% lighter version of the original color is **34.0320, 39.2591, 14.1716**, and **4.7013, 5.8637, 0.8840** is the 20% darker color. If you saturate the color by 10%, you get **14.5979, 17.4809, 3.3144**, and if you desaturate by 10%, it is **14.9363, 17.6163, 5.0960**.

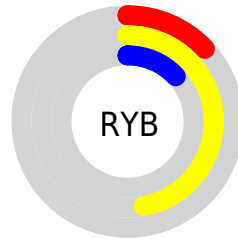
Distribution



Red (47%)

Green (47%)

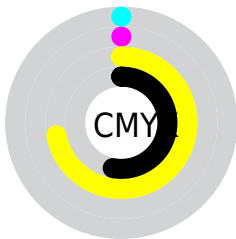
Blue (13%)



Red (13%)

Yellow (47%)

Blue (13%)

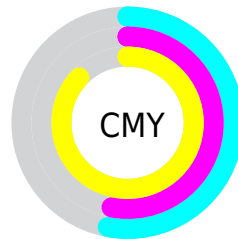


Cyan (0%)

Magenta (0%)

Yellow (72%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7367, 17.5358, 4.0469 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 14.7367, 17.5358, 4.0469 by changing the saturation by 10% instead.

■ 14.7367, 17.5358,
4.0469

■ 14.7367, 17.5358,
4.0469

215.1871,
238.2414, 148.7452

■ 8.7199, 10.6172,
1.6511

■ 33.9661, 39.2447,
14.1178

■ 4.6146, 5.8101,
0.3269

■ 47.9094, 54.8039,
22.6300

■ 2.0554, 2.7299,
0.0000

■ 65.2255, 74.0120,
34.0180

■ 0.6648, 0.9924,
0.0000

■ 86.2800, 97.2536,
48.7005

■ 0.0000, 0.0000,
0.0000

■ 111.4380,
124.9129, 67.0959

■ 141.0649,

157.3744, 89.6228

175.5262,
195.0224, 116.6997

14.7367, 17.5358,
4.0469

14.7367, 17.5358,
4.0469

14.5979, 17.4809,
3.3144

14.9363, 17.6163,
5.0960

14.5117, 17.4464,
2.8612

15.2013, 17.7223,
6.4910

14.4623, 17.4267,
2.6014

15.5371, 17.8566,
8.2587

15.9482, 18.0211,
10.4233

16.4389, 18.2174,
13.0070

■ 17.0131, 18.4470,
16.0300

■ 17.6743, 18.7115,
19.5115

■ 18.4260, 19.0122,
23.4695

■ 19.2714, 19.3504,
27.9210

Harmonies

Analogous

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



19.0713, 17.5358, 4.1256



14.7367, 17.5358, 4.0469



11.5306, 17.5358, 6.5653

Triad

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



14.7367, 17.5358, 4.0469



11.3672, 17.5358, 40.8860



26.0140, 17.5358, 26.4560

Complementary

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



14.7367, 17.5358, 4.0469



4.5617, 2.7675, 18.0641

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.



23.1397, 17.5358, 41.8924



14.7367, 17.5358, 4.0469



14.4742, 17.5358, 52.3850

Square

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



14.7367, 17.5358, 4.0469



9.8256, 17.5358, 25.4489



18.7594, 17.5358, 52.8172



26.1175, 17.5358, 13.8955

Rectangle

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



14.7367, 17.5358, 4.0469



10.2515, 17.5358, 10.4299



18.7594, 17.5358, 52.8172



25.3201, 17.5358, 31.5746

Sweetspot

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



14.7371, 17.5366, 4.0473



28.9076, 32.0377, 22.8554



8.5647, 5.1910, 1.9896



6.8046, 7.5741, 5.1729



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7371, 17.5366, 4.0473



25.5636, 30.7000, 5.2506



10.0121, 15.1008, 3.8261



4.3077, 4.6339, 4.2919



15.7766, 19.0104, 2.8379



75.2559, 90.6813, 13.5368

Inverse Universe

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



4.5617, 2.7675, 18.0641



6.5099, 3.0444, 31.4976



6.9550, 4.0012, 18.1761



3.7976, 3.8936, 4.9946



3.6985, 1.4794, 19.4759



17.6422, 7.0569, 92.9021

Previews

White Background



This preview shows how the XYZ color 14.7367, 17.5358, 4.0469 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 14.7367, 17.5358, 4.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

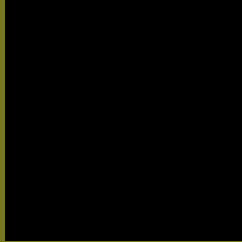
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7367, 17.5358, 4.0469

Background



This preview shows how black text looks on a background with the XYZ color 14.7367, 17.5358, 4.0469.



This preview shows how white text looks on a background with the XYZ color 14.7367, 17.5358,

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

14.7367, 17.5358, 4.0469

Protanopia

15.8279, 17.5727, 3.9241

Deuteranopia

17.7639, 17.3964, 4.1719



Tritanopia

18.1474, 17.5580, 20.5217

Trichromacy



Original Color

14.7367, 17.5358, 4.0469

Protanomaly

15.3433, 17.4968, 3.9350

Deuteranomaly

16.6523, 17.4804, 4.1654

Tritanomaly

16.3914, 17.3427, 11.9348

Monochromacy



Original Color

14.7367, 17.5358, 4.0469

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4797, 16.2212, 10.3505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7367, 17.5358, 4.0469 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(120, 120, 33)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 33)  
}
```

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(120, 120, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 33) }
```

Border

The CSS property to change the border of an element to XYZ 14.7367, 17.5358, 4.0469 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(120, 120, 33) }
```


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

```
.border{ border-color:rgb(120, 120, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 120, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 33);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7367, 17.5358, 4.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 33) }
```

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

```
.background{ background-color: rgb(120,  
120, 33) }
```

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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