

Converting Colors

XYZ(15.1699, 16.7067, 4.5230)

Have a look what the booklet for
XYZ(15.1699, 16.7067, 4.5230)
contains.

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Color

**XYZ(15.1699, 16.7067,
4.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7229
RGB	127, 114, 41
RGB Percent	50%, 45%, 16%
CMY	0.5020, 0.5529, 0.8392
CMYK	0.00, 0.10, 0.68, 0.50
HSL	51°, 51%, 33%
HSV	51°, 68%, 50%
XYZ	15.1699, 16.7067, 4.5230
YIQ	109.5650, 31.1810, -19.9470

Conversions

Conversions Part 2

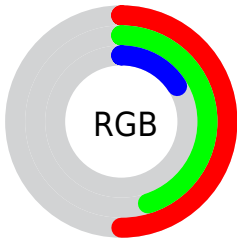
Format	Color
R_{YB}	56, 127, 41
Decimal	8352297
CIE Lab	47.89, -4.16, 40.89
CIE LCh	48, 41.098, 95.814
Yxy	16.7067, 0.4168, 0.4590
Android (android.graphics.Color)	4286542377 (0xFF7F7229)
YUV	109.5650, -33.8025, 15.2905
Hunter-Lab	40.8738, -5.2808, 22.0508

Details

The XYZ color **15.1699, 16.7067, 4.5230** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.0644, 4.6419, 20.6548**, and the grayscale version is **14.7842, 15.5541, 16.9384**.

A 20% lighter version of the original color is **34.7731, 37.9557, 15.1663**, and **4.8499, 5.3923, 0.7852** is the 20% darker color. If you saturate the color by 10%, you get **14.7690, 16.2042, 3.4670**, and if you desaturate by 10%, it is **15.6477, 17.2485, 5.9580**.

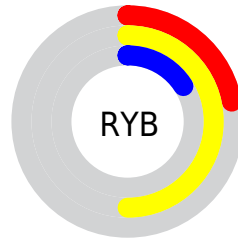
Distribution



Red (50%)

Green (45%)

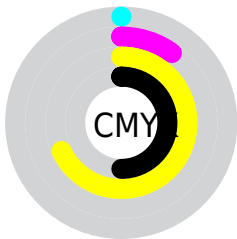
Blue (16%)



Red (22%)

Yellow (50%)

Blue (16%)

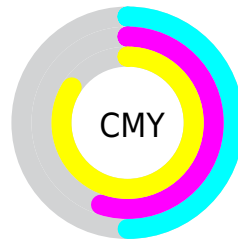


Cyan (0%)

Magenta (10%)

Yellow (68%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1699, 16.7067, 4.5230 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 15.1699, 16.7067, 4.5230 by changing the saturation by 10% instead.

■ 15.1699, 16.7067,
4.5230

■ 15.1699, 16.7067,
4.5230

217.7603,
233.4765, 153.8723

■ 9.0258, 10.0256,
1.9164

■ 34.7202, 37.8208,
15.1990

■ 4.8153, 5.4159,
0.5032

■ 48.8571, 53.0226,
24.1056

■ 2.1729, 2.4933,
0.0000

■ 66.3889, 71.8334,
35.9492

■ 0.7284, 0.8733,
0.0000

■ 87.6811, 94.6376,
51.1484

■ 0.0000, 0.0000,
0.0000

■ 113.0990,
121.8196, 70.1218

■ 143.0079,

153.7638, 93.2879

177.7733,
190.8547, 121.0652

■ 15.1699, 16.7067,
4.5230

■ 15.1699, 16.7067,
4.5230

■ 14.7690, 16.2042,
3.4670

■ 15.6477, 17.2485,
5.9580

■ 14.4366, 15.7357,
2.7512

■ 16.2074, 17.8297,
7.8039

■ 14.1567, 15.2954,
2.2895

■ 16.8551, 18.4535,
10.0902

■ 14.0945, 15.1965,
2.1903

■ 17.5958, 19.1219,
12.8434

■ 18.4342, 19.8368,
16.0881

■ 19.3746, 20.6000,
19.8470

■ 20.4211, 21.4132,
24.1414

■ 21.5775, 22.2779,
28.9915

■ 22.8476, 23.1957,
34.4164

Harmonies

Analogous

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



18.9737, 16.7067, 5.2215



15.1699, 16.7067, 4.5230



12.0718, 16.7067, 6.1713

Triad

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



15.1699, 16.7067, 4.5230



10.7836, 16.7067, 32.8954



23.2876, 16.7067, 27.8729

Complementary

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



15.1699, 16.7067, 4.5230



6.0644, 4.6419, 20.6548

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.



20.4132, 16.7067, 40.2013



15.1699, 16.7067, 4.5230



13.1409, 16.7067, 43.8031

Square

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



15.1699, 16.7067, 4.5230



9.8045, 16.7067, 20.3321



16.6103, 16.7067, 46.8960



24.0542, 16.7067, 16.2053

Rectangle

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



15.1699, 16.7067, 4.5230



10.6943, 16.7067, 8.9810



16.6103, 16.7067, 46.8960



22.5162, 16.7067, 32.1973

Sweetspot

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



15.1703, 16.7075, 4.5233



32.5791, 35.1615, 27.1154



10.2430, 6.3771, 4.3477



7.5434, 8.1608, 6.0212



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.



15.1703, 16.7075, 4.5233



26.1233, 28.5735, 5.4690



13.0627, 17.9540, 4.8750



4.6118, 4.9122, 4.6252



14.2141, 15.3246, 2.2088



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.0644, 4.6419, 20.6548



8.6583, 5.4796, 36.5576



7.1256, 4.4081, 20.5538



4.1573, 4.3086, 5.4258



4.1009, 2.0202, 20.4238



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1699, 16.7067, 4.5230 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 15.1699, 16.7067, 4.5230 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 15.1699, 16.7067, 4.5230

Background



This preview shows how black text looks on a background with the XYZ color 15.1699, 16.7067, 4.5230.



This preview shows how white text looks on a background with the XYZ color 15.1699, 16.7067,

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

15.1699, 16.7067, 4.5230

Protanopia

15.1699, 16.7067, 4.5230

Deuteranopia

16.9539, 16.6503, 4.6058



Tritanopia

18.0251, 16.7397, 18.5007

Trichromacy



Original Color

15.1699, 16.7067, 4.5230

Protanomaly

15.1699, 16.7067, 4.5230

Deuteranomaly

16.3104, 16.6374, 4.5422

Tritanomaly

16.6975, 16.6817, 11.5724

Monochromacy



Original Color

15.1699, 16.7067, 4.5230

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5266, 15.7378, 10.8664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1699, 16.7067, 4.5230 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(127, 114, 41)` looks like.

```
.text, #text, p{  
    color:rgb(127, 114, 41)  
}
```

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(127, 114, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 114, 41) }
```

Border

The CSS property to change the border of an element to XYZ 15.1699, 16.7067, 4.5230 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(127, 114, 41) }
```


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

```
.border{ border-color:rgb(127, 114, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 114, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 114, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 114, 41);  
box-shadow:4px 4px 4px 4px rgb(127, 114,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1699, 16.7067, 4.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 114, 41) }
```

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

```
.background{ background-color: rgb(127,  
114, 41) }
```

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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