

Converting Colors

XYZ(15.1144, 16.8622, 3.4138)

Have a look what the booklet for
XYZ(15.1144, 16.8622, 3.4138)
contains.

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Color

**XYZ(15.0696, 16.8481,
3.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	7F731A
RGB	127, 115, 26
RGB Percent	50%, 45%, 10%
CMY	0.5020, 0.5490, 0.8980
CMYK	0.00, 0.09, 0.80, 0.50
HSL	53°, 66%, 30%
HSV	53°, 80%, 50%
XYZ	15.0696, 16.8481, 3.4350
YIQ	108.4420, 35.7210, -25.1350

Conversions

Conversions Part 2

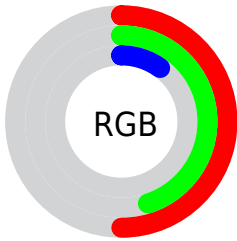
Format	Color
RYB	40, 127, 26
Decimal	8352538
CIELab	48.07, -5.54, 47.27
CIELCh	48, 47.590, 96.681
Yxy	16.8481, 0.4263, 0.4766
Android (android.graphics.Color)	4286542618 (0xFF7F731A)
YUV	108.4420, -40.6439, 16.2754
Hunter-Lab	41.0464, -6.2976, 23.7708

Details

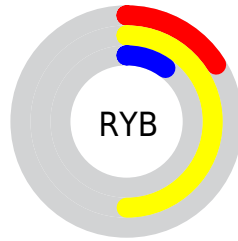
The XYZ color **15.0696, 16.8481, 3.4350** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.9499, 3.1381, 20.4234**, and the grayscale version is **14.4825, 15.2367, 16.5928**.

A 20% lighter version of the original color is **34.7223, 38.2548, 12.7616**, and **4.9088, 5.5102, 0.8048** is the 20% darker color. If you saturate the color by 10%, you get **14.7875, 16.4629, 2.7894**, and if you desaturate by 10%, it is **15.4182, 17.2657, 4.4137**.

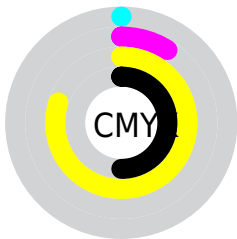
Distribution



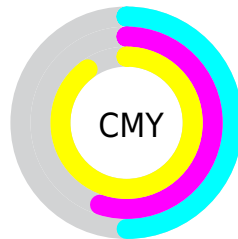
- Red (50%)
- Green (45%)
- Blue (10%)



- Red (16%)
- Yellow (50%)
- Blue (10%)



- Cyan (0%)
- Magenta (9%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0696, 16.8481, 3.4350 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 15.0696, 16.8481, 3.4350 by changing the saturation by 10% instead.

■ 15.0696, 16.8481,
3.4350

■ 15.0696, 16.8481,
3.4350

217.1671,
234.2955, 141.7216

■ 8.9549, 10.1262,
1.3208

■ 34.5459, 38.0644,
12.6842

■ 4.7686, 5.4827,
0.0788

■ 48.6382, 53.3277,
20.6563

■ 2.1455, 2.5332,
0.0000

■ 66.1203, 72.2069,
31.4181

■ 0.7138, 0.8932,
0.0000

■ 87.3578, 95.0864,
45.3881

■ 0.0000, 0.0000,
0.0000

■ 112.7158,
122.3506, 62.9849

■ 142.5598,

154.3839, 84.6271

177.2551,
191.5708, 110.7331

15.0696, 16.8481,
3.4350

15.0696, 16.8481,
3.4350

14.7875, 16.4629,
2.7894

15.4182, 17.2657,
4.4137

14.5484, 16.0987,
2.3579

15.8397, 17.7163,
5.7635

14.5372, 16.0816,
2.3379

16.3407, 18.2033,
7.5182

16.9269, 18.7289,
9.7076

17.6035, 19.2953,
12.3588

■ 18.3752, 19.9043,
15.4966

■ 19.2463, 20.5577,
19.1439

■ 20.2211, 21.2572,
23.3225

■ 21.3033, 22.0044,
28.0525

Harmonies

Analogous

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



19.5194, 16.8481, 4.0496



15.0696, 16.8481, 3.4350



11.5598, 16.8481, 5.1430

Triad

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



15.0696, 16.8481, 3.4350



10.2495, 16.8481, 36.4660



24.8829, 16.8481, 29.4220

Complementary

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



15.0696, 16.8481, 3.4350



4.9499, 3.1381, 20.4234

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.



21.4857, 16.8481, 44.6861



15.0696, 16.8481, 3.4350



12.9549, 16.8481, 49.8684

Square

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



15.0696, 16.8481, 3.4350



9.1180, 16.8481, 21.2438



16.9963, 16.8481, 53.4078



25.7240, 16.8481, 15.7222

Rectangle

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



15.0696, 16.8481, 3.4350



10.0440, 16.8481, 8.1598



16.9963, 16.8481, 53.4078



23.9757, 16.8481, 34.6939

Sweetspot

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



15.0700, 16.8489, 3.4353



32.1867, 35.0841, 24.8040



9.4958, 5.4005, 2.5024



7.4397, 8.1376, 5.4185



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.



15.0700, 16.8489, 3.4353



26.1600, 28.9803, 4.4530



11.9891, 17.4253, 3.7090



4.6232, 4.9350, 4.6290



14.6606, 16.2176, 2.3576



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.9499, 3.1381, 20.4234



7.3555, 3.5809, 36.2598



6.2523, 3.3291, 20.3916



4.1468, 4.2877, 5.4223



4.0363, 1.8911, 20.4022



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0696, 16.8481, 3.4350 looks on a white background.

Color Contrast Check

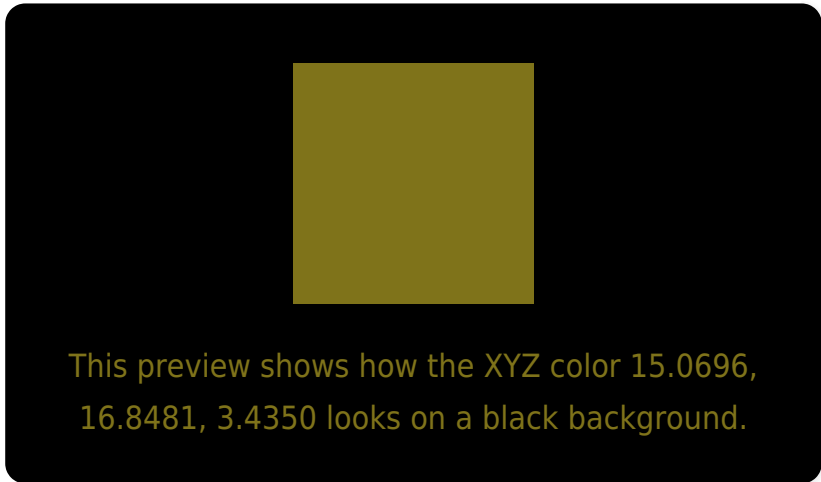
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.0696, 16.8481, 3.4350

Background



This preview shows how black text looks on a background with the XYZ color 15.0696, 16.8481, 3.4350.



This preview shows how white text looks on a background with the XYZ color 15.0696, 16.8481,

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

15.0696, 16.8481, 3.4350

Protanopia

15.1059, 16.6984, 3.4042

Deuteranopia

17.0859, 16.7431, 3.4936



Tritanopia

18.1837, 16.8215, 18.5081

Trichromacy



Original Color

15.0696, 16.8481, 3.4350

Protanomaly

15.1059, 16.6984, 3.4042

Deuteranomaly

16.3753, 16.8560, 3.4891

Tritanomaly

16.4973, 16.6017, 10.5186

Monochromacy



Original Color

15.0696, 16.8481, 3.4350

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1298, 15.5638, 9.4671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0696, 16.8481, 3.4350 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, 115, 26)` looks like.

```
.text, #text, p{  
    color:rgb(127, 115, 26)  
}
```

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, 115, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 115, 26) }
```

Border

The CSS property to change the border of an element to XYZ 15.0696, 16.8481, 3.4350 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, 115, 26) }
```


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

```
.border{ border-color:rgb(127, 115, 26) }
```

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

Here you see how a box with a 4 pixel rgb(127, 115, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 115, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 115, 26);  
box-shadow:4px 4px 4px 4px rgb(127, 115,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0696, 16.8481, 3.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 115, 26) }
```

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

```
.background{ background-color: rgb(127,  
115, 26) }
```

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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