

Converting Colors

XYZ(15.0374, 16.6708, 3.0443)

Have a look what the booklet for
XYZ(15.0374, 16.6708, 3.0443)
contains.

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Color

**XYZ(15.0369, 16.6708,
3.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	807213
RGB	128, 114, 19
RGB Percent	50%, 45%, 7%
CMY	0.4980, 0.5529, 0.9255
CMYK	0.00, 0.11, 0.85, 0.50
HSL	52°, 74%, 29%
HSV	52°, 85%, 50%
XYZ	15.0369, 16.6708, 3.0414
YIQ	107.3560, 38.8390, -26.5770

Conversions

Conversions Part 2

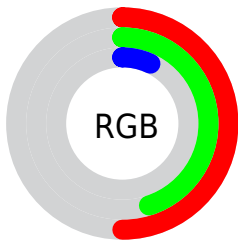
Format	Color
R_{YB}	35, 128, 19
Decimal	8417811
CIE Lab	47.84, -4.76, 49.39
CIE LCh	48, 49.619, 95.506
Yxy	16.6708, 0.4327, 0.4797
Android (android.graphics.Color)	4286607891 (0xFF807213)
YUV	107.3560, -43.5595, 18.1048
Hunter-Lab	40.8299, -5.7140, 24.1644

Details

The XYZ color **15.0369, 16.6708, 3.0414** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.7088, 2.7848, 20.7112**, and the grayscale version is **14.1844, 14.9231, 16.2512**.

A 20% lighter version of the original color is **34.6060, 37.9438, 11.8033**, and **4.8499, 5.3923, 0.7852** is the 20% darker color. If you saturate the color by 10%, you get **14.7699, 16.2707, 2.5403**, and if you desaturate by 10%, it is **15.3648, 17.1020, 3.8439**.

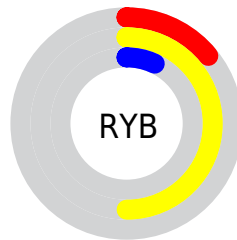
Distribution



Red (50%)

Green (45%)

Blue (7%)



Red (14%)

Yellow (50%)

Blue (7%)

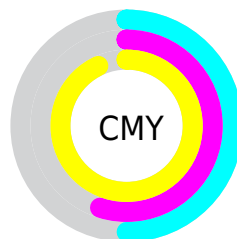


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0369, 16.6708, 3.0414 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 15.0369, 16.6708, 3.0414 by changing the saturation by 10% instead.

■ 15.0369, 16.6708,
3.0414

■ 15.0369, 16.6708,
3.0414

216.9734,
233.2681, 136.8862

■ 8.9318, 10.0001,
1.1158

■ 34.4890, 37.7589,
11.7304

■ 4.7535, 5.3990,
0.0000

■ 48.5667, 52.9450,
19.3309

■ 2.1366, 2.4832,
0.0000

■ 66.0327, 71.7384,
29.6602

■ 0.7090, 0.8682,
0.0000


■ 87.2522, 94.5235,
43.1367


■ 0.0000, 0.0000,
0.0000


■ 112.5907,
121.6846, 60.1790


■ 142.4135,


153.6061, 81.2057


 177.0859,
190.6725, 106.6352


 15.0369, 16.6708,
3.0414


 15.0369, 16.6708,
3.0414


 14.7699, 16.2707,
2.5403


 15.3648, 17.1020,
3.8439

 14.6480, 16.0813,
2.3320

 15.7633, 17.5660,
5.0027

 16.2397, 18.0666,
6.5554

 16.8002, 18.6063,
8.5343

 17.4503, 19.1873,
10.9685

■ 18.1951, 19.8116,
13.8844

■ 19.0393, 20.4812,
17.3066

■ 19.9871, 21.1977,
21.2578

■ 21.0428, 21.9629,
25.7595

Harmonies

Analogous

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



19.6711, 16.6708, 3.7239



15.0369, 16.6708, 3.0414



11.3702, 16.6708, 4.6047

Triad

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



15.0369, 16.6708, 3.0414



9.8417, 16.6708, 36.4665



24.9948, 16.6708, 30.3498

Complementary

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



15.0369, 16.6708, 3.0414



4.7088, 2.7848, 20.7112

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.



21.3626, 16.6708, 46.3647



15.0369, 16.6708, 3.0414



12.5505, 16.6708, 50.9062

Square

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



15.0369, 16.6708, 3.0414



8.7531, 16.6708, 20.6101



16.6817, 16.6708, 55.1893



25.9997, 16.6708, 15.8969

Rectangle

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



15.0369, 16.6708, 3.0414



9.7787, 16.6708, 7.4968



16.6817, 16.6708, 55.1893



24.0112, 16.6708, 35.9045

Sweetspot

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



15.0373, 16.6716, 3.0417



31.8354, 34.7181, 23.6492



9.4171, 5.1679, 1.9798



7.3625, 8.0531, 5.1778



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.



15.0373, 16.6716, 3.0417



25.7176, 28.1681, 4.0815



11.8645, 17.5616, 3.3807



4.6198, 4.9282, 4.6279



14.5255, 15.9473, 2.3126



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.7088, 2.7848, 20.7112



7.1334, 3.2908, 36.2155



5.9310, 2.9533, 20.6793



4.1500, 4.2939, 5.4234



4.0543, 1.9271, 20.4082



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0369, 16.6708, 3.0414 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

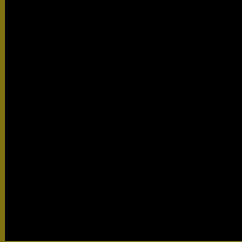
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0369, 16.6708, 3.0414

Background



This preview shows how black text looks on a background with the XYZ color 15.0369, 16.6708, 3.0414.



This preview shows how white text looks on a background with the XYZ color 15.0369, 16.6708,

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

15.0369, 16.6708, 3.0414

Protanopia

15.0369, 16.6708, 3.0414

Deuteranopia

16.8449, 16.6266, 3.1320



Tritanopia

18.1830, 16.6739, 18.1796

Trichromacy



Original Color

15.0369, 16.6708, 3.0414

Protanomaly

15.0369, 16.6708, 3.0414

Deuteranomaly

16.2020, 16.6131, 3.1118

Tritanomaly

16.3956, 16.4073, 9.6999

Monochromacy



Original Color

15.0369, 16.6708, 3.0414

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.9162, 15.3047, 8.8773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0369, 16.6708, 3.0414 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(128, 114, 19)` looks like.

```
.text, #text, p{  
    color:rgb(128, 114, 19)  
}
```

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(128, 114, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 114, 19) }
```

Border

The CSS property to change the border of an element to XYZ 15.0369, 16.6708, 3.0414 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(128, 114, 19) }
```


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

```
.border{ border-color:rgb(128, 114, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 114, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 114, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 114, 19);  
box-shadow:4px 4px 4px 4px rgb(128, 114,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0369, 16.6708, 3.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 114, 19) }
```

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

```
.background{ background-color: rgb(128,  
114, 19) }
```

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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