

Converting Colors

XYZ(15.2201, 8.7560, 48.4648)

Have a look what the booklet for
XYZ(15.2201, 8.7560, 48.4648)
contains.

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Color

**XYZ(15.2201, 8.7560,
48.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	6036BC
RGB	96, 54, 188
RGB Percent	38%, 21%, 74%
CMY	0.6235, 0.7882, 0.2627
CMYK	0.49, 0.71, 0.00, 0.26
HSL	259°, 55%, 47%
HSV	259°, 71%, 74%
XYZ	15.2201, 8.7560, 48.4648
YIQ	81.8340, -17.9820, 50.5780

Conversions

Conversions Part 2

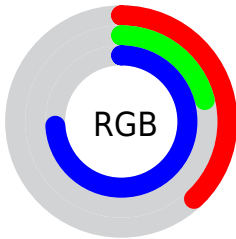
Format	Color
R_{YB}	96, 54, 188
Decimal	6305468
CIE _{Lab}	35.51, 49.49, -63.89
CIE _{LCh}	36, 80.819, 307.760
Yxy	8.7560, 0.2101, 0.1209
Android (android.graphics.Color)	4284495548 (0xFF6036BC)
YUV	81.8340, 52.3398, 12.4236
Hunter-Lab	29.5905, 40.0293, -76.3946

Details

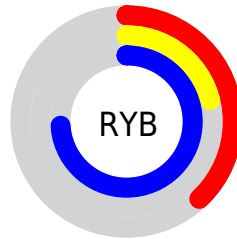
The XYZ color **15.2201, 8.7560, 48.4648** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **30.5028, 42.3437, 10.0556**, and the grayscale version is **7.8886, 8.2994, 9.0381**.

A 20% lighter version of the original color is **34.7582, 23.3632, 89.0638**, and **4.7987, 1.9848, 22.3205** is the 20% darker color. If you saturate the color by 10%, you get **13.2599, 6.6882, 48.1692**, and if you desaturate by 10%, it is **17.7423, 11.6153, 48.8840**.

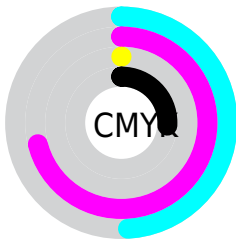
Distribution



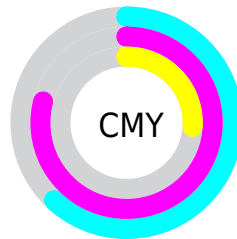
- Red (38%)
- Green (21%)
- Blue (74%)



- Red (38%)
- Yellow (21%)
- Blue (74%)



- Cyan (49%)
- Magenta (71%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (79%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2201, 8.7560, 48.4648 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 15.2201, 8.7560, 48.4648 by changing the saturation by 10% instead.

15.2201, 8.7560,
48.4648

15.2201, 8.7560,
48.4648

218.0566,
181.5471, 397.1933

9.0613, 4.5824,
33.8325

34.8073, 23.4277,
89.2688

4.8386, 2.0044,
22.4886

48.9665, 34.6946,
116.2776

2.1867, 0.6100,
14.0146

66.5232, 49.0947,
148.2489

0.7357, 0.0000,
7.9920

87.8427, 67.0124,
185.6014

0.0000, 0.0000,
4.0021

113.2905, 88.8321,
228.7535

0.0000, 0.0000,
1.6265

143.2318,

0.0000, 0.0000,

114.9382, 278.1238

0.3096

178.0321,
145.7150, 334.1309

■ 0.0000, 0.0000,
0.0000

■ 15.2201, 8.7560,
48.4648

■ 15.2201, 8.7560,
48.4648

■ 13.2599, 6.6882,
48.1692

■ 17.7423, 11.6153,
48.8840

■ 11.8079, 5.3226,
47.9821

■ 20.8700, 15.3404,
49.4382

■ 10.8766, 4.5585,
47.8837

■ 24.6439, 19.9975,
50.1382

■ 29.1001, 25.6460,
50.9935

■ 34.2724, 32.3402,
52.0131

■ 40.1918, 40.1306,
53.2048

■ 46.8877, 49.0641,
54.5762

■ 54.3877, 59.1852,
56.1345

■ 62.7181, 70.5356,
57.8863

Harmonies

Analogous

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



9.6107, 8.7560, 65.5657



15.2201, 8.7560, 48.4648



19.8868, 8.7560, 23.1674

Triad

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



15.2201, 8.7560, 48.4648



12.2577, 8.7560, 0.0000



2.1748, 8.7560, 13.4977

Complementary

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



15.2201, 8.7560, 48.4648



30.5028, 42.3437, 10.0556

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.



2.4262, 8.7560, 2.6861



15.2201, 8.7560, 48.4648



7.1545, 8.7560, 0.0000

Square

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



15.2201, 8.7560, 48.4648



17.7732, 8.7560, 0.8204



3.9055, 8.7560, 0.0000



3.0067, 8.7560, 36.0033

Rectangle

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



15.2201, 8.7560, 48.4648



21.1070, 8.7560, 10.5877



3.9055, 8.7560, 0.0000



2.1438, 8.7560, 8.5523

Sweetspot

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



15.2206, 8.7562, 48.4650



62.0456, 58.5231, 94.2521



21.1571, 25.5324, 51.3903



12.7583, 11.8241, 20.1524



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



15.2206, 8.7562, 48.4650



22.3154, 10.4644, 87.0699



25.1347, 13.8672, 48.9290



9.2904, 9.3666, 11.9905



7.4738, 3.1390, 32.6049



0.3621, 0.1587, 1.2804

Inverse Universe

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



27.2464, 15.4050, 28.7305



46.2836, 23.7831, 44.6977



22.0254, 37.9735, 9.6589



9.7992, 9.6440, 11.3315



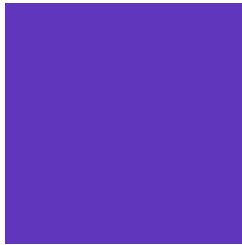
16.8560, 8.3735, 15.0671



0.6885, 0.3393, 0.7391

Previews

White Background



This preview shows how the XYZ color 15.2201, 8.7560, 48.4648 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 ✓ Pass

Black Background



This preview shows how the XYZ color 15.2201, 8.7560, 48.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

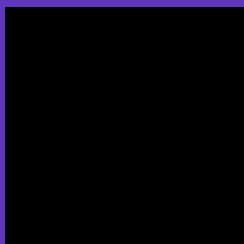
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2201, 8.7560, 48.4648

Background



This preview shows how black text looks on a background with the XYZ color 15.2201, 8.7560, 48.4648.



This preview shows how white text looks on a background with the XYZ color 15.2201, 8.7560,

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

15.2201, 8.7560, 48.4648

Protanopia

10.1981, 8.7871, 39.1888

Deuteranopia

8.5942, 8.7622, 28.8421



Tritanopia

7.7578, 8.7111, 11.6285

Trichromacy



Original Color

15.2201, 8.7560, 48.4648

Protanomaly

10.8822, 8.0381, 42.5729

Deuteranomaly

9.6635, 7.8635, 35.1909

Tritanomaly

9.5695, 8.1183, 21.4847

Monochromacy



Original Color

15.2201, 8.7560, 48.4648

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.6990, 8.0414, 19.1301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2201, 8.7560, 48.4648 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(96, 54, 188)` looks like.

```
.text, #text, p{  
    color:rgb(96, 54, 188)  
}
```

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(96, 54, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 54, 188) }
```

Border

The CSS property to change the border of an element to XYZ 15.2201, 8.7560, 48.4648 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(96, 54, 188) }
```


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

```
.border{ border-color:rgb(96, 54, 188) }
```

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

Here you see how a box with a 4 pixel rgb(96, 54, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 54, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 54, 188);  
box-shadow:4px 4px 4px 4px rgb(96, 54,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2201, 8.7560, 48.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 54, 188) }
```

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

```
.background{ background-color: rgb(96, 54,  
188) }
```

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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