

Converting Colors

XYZ(35.0731, 23.9124, 48.6945)

Have a look what the booklet for
XYZ(35.0731, 23.9124, 48.6945)
contains.

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Color

**XYZ(35.1489, 24.0166,
48.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	C065B9
RGB	192, 101, 185
RGB Percent	75%, 40%, 73%
CMY	0.2471, 0.6039, 0.2745
CMYK	0.00, 0.47, 0.04, 0.25
HSL	305°, 42%, 57%
HSV	305°, 47%, 75%
XYZ	35.1489, 24.0166, 48.6821
YIQ	137.7850, 27.2720, 45.4160

Conversions

Conversions Part 2

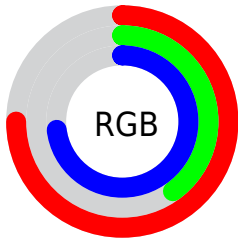
Format	Color
R _Y B	192, 101, 185
Decimal	12608953
CIE Lab	56.10, 48.09, -28.61
CIE LCh	56, 55.963, 329.249
Yxy	24.0166, 0.3259, 0.2227
Android (android.graphics.Color)	4290799033 (0xFFC065B9)
YUV	137.7850, 23.2770, 47.5466
Hunter-Lab	49.0067, 42.2630, -24.5925

Details

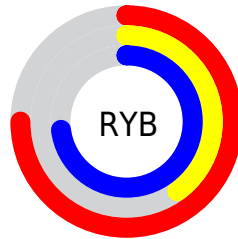
The XYZ color **35.1489, 24.0166, 48.6821** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **26.9243, 41.5496, 20.7896**, and the grayscale version is **23.9833, 25.2323, 27.4780**.

A 20% lighter version of the original color is **67.0229, 50.1176, 89.3603**, and **15.3752, 9.0141, 22.7593** is the 20% darker color. If you saturate the color by 10%, you get **33.3430, 20.6525, 47.3150**, and if you desaturate by 10%, it is **37.3935, 28.2544, 50.2039**.

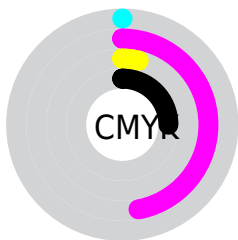
Distribution



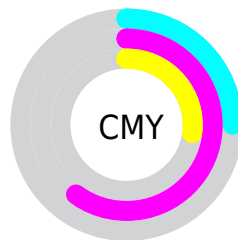
- Red (75%)
- Green (40%)
- Blue (73%)



- Red (75%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (47%)
- Yellow (4%)
- Black (25%)





- Cyan (25%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1489, 24.0166, 48.6821 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 35.1489, 24.0166, 48.6821 by changing the saturation by 10% instead.

 35.1489, 24.0166,
48.6821


 35.1489, 24.0166,
48.6821

316.7216,
272.9044, 398.0759

 23.9446, 15.3459,
34.0035


 67.0489, 50.0573,
89.5952


 15.4171, 9.0625,
22.6189


 88.4753, 68.1961,
116.6669

 9.2008, 4.7820,
14.1097


 114.0399, 90.2598,
148.7066

 4.9306, 2.1199,
8.0574

 144.1079,
116.6326, 186.1330

 2.2409, 0.6758,
4.0434

179.0447,
147.6991, 229.3646

 0.7642, 0.0000,
1.6492

219.2157,

 0.0000, 0.0000,

183.8437, 278.8199

0.3256

264.9862,
225.4506, 334.9175

■ 0.0000, 0.0000,
0.0000

■ 35.1489, 24.0166,
48.6821

■ 35.1489, 24.0166,
48.6821

■ 33.3430, 20.6525,
47.3150

■ 37.3935, 28.2544,
50.2039

■ 31.9425, 18.0973,
46.0907

■ 40.1021, 33.4182,
51.8882

■ 30.9136, 16.2825,
44.9982

■ 43.3011, 39.5602,
53.7440

■ 30.2154, 15.1268,
44.0240

■ 47.0142, 46.7275,
55.7792

■ 29.7901, 14.5142,
43.1485

■ 51.2633, 54.9644,
58.0012

■ 29.6973, 14.3901,
42.9277

■ 56.0693, 64.3125,
60.4169

■ 61.4520, 74.8113,
63.0330

■ 67.4300, 86.4981,
65.8557

■ 67.7256, 86.8175,
66.7924

Harmonies

Analogous

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



29.3978, 24.0166, 70.6496



35.1489, 24.0166, 48.6821



37.5104, 24.0166, 26.6156

Triad

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



35.1489, 24.0166, 48.6821



22.9890, 24.0166, 4.3477



13.6699, 24.0166, 47.4790

Complementary

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



35.1489, 24.0166, 48.6821



26.9243, 41.5496, 20.7896

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.



12.5838, 24.0166, 25.6899



35.1489, 24.0166, 48.6821



17.3165, 24.0166, 5.8551

Square

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



35.1489, 24.0166, 48.6821



29.7304, 24.0166, 6.0274



13.7851, 24.0166, 11.9303



17.0848, 24.0166, 69.7556

Rectangle

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



35.1489, 24.0166, 48.6821



36.5600, 24.0166, 16.1498



13.7851, 24.0166, 11.9303



13.0523, 24.0166, 39.6059

Sweetspot

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



35.1497, 24.0177, 48.6826



80.4878, 75.5909, 98.5128



20.2406, 16.2443, 51.9386



16.9661, 15.6362, 20.9666



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.1497, 24.0177, 48.6826



60.2653, 37.1450, 85.6094



31.1586, 22.4212, 27.6655



10.4628, 10.2337, 12.5275



19.9958, 9.6881, 28.9539



0.8741, 0.4226, 1.3043

Inverse Universe

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



35.1497, 24.0177, 48.6826



60.2653, 37.1450, 85.6094



29.9315, 42.7525, 36.6253



10.4628, 10.2337, 12.5275



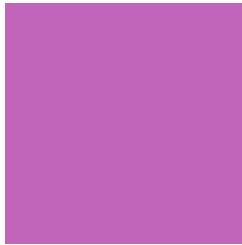
19.9958, 9.6881, 28.9539



0.8741, 0.4226, 1.3043

Previews

White Background



This preview shows how the XYZ color 35.1489, 24.0166, 48.6821 looks on a white background.

Color Contrast Check

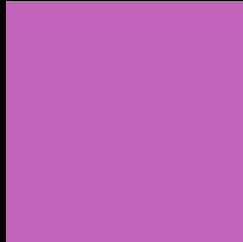
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.1489, 24.0166, 48.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

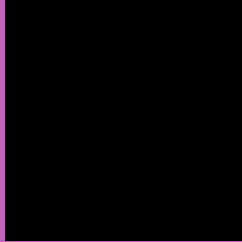
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1489, 24.0166, 48.6821

Background



This preview shows how black text looks on a background with the XYZ color 35.1489, 24.0166, 48.6821.



This preview shows how white text looks on a background with the XYZ color 35.1489, 24.0166,

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

35.1489, 24.0166, 48.6821

Protanopia

25.8280, 24.2198, 64.2864

Deuteranopia

24.8364, 24.3148, 46.0320



Tritanopia

29.7764, 24.0310, 22.1378

Trichromacy



Original Color

35.1489, 24.0166, 48.6821



Protanomaly

27.6965, 23.2102, 58.2786



Deuteranomaly

27.5723, 23.4005, 46.7796



Tritanomaly

31.5033, 23.9185, 30.1505

Monochromacy



Original Color

35.1489, 24.0166, 48.6821



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

27.3506, 24.3029, 34.2597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1489, 24.0166, 48.6821 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(192, 101, 185)` looks like.

```
.text, #text, p{  
    color:rgb(192, 101, 185)  
}
```

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(192, 101, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 101, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.1489, 24.0166, 48.6821 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(192, 101, 185) }
```


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

```
.border{ border-color:rgb(192, 101, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 101, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 101, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 101, 185);  
box-shadow:4px 4px 4px 4px rgb(192, 101,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1489, 24.0166, 48.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 101, 185) }
```

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

```
.background{ background-color: rgb(192,  
101, 185) }
```

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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