

Converting Colors

XYZ(50.9925, 48.8834, 72.9035)

Have a look what the booklet for
XYZ(50.9925, 48.8834, 72.9035)
contains.

XYZ(51.0231, 48.7715, 73.0543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.0231, 48.7715,
73.0543)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B3DA
RGB	194, 179, 218
RGB Percent	76%, 70%, 85%
CMY	0.2392, 0.2980, 0.1451
CMYK	0.11, 0.18, 0.00, 0.15
HSL	263°, 35%, 78%
HSV	263°, 18%, 85%
XYZ	51.0231, 48.7715, 73.0543
YIQ	187.9310, -3.5790, 15.3090

Conversions

Conversions Part 2

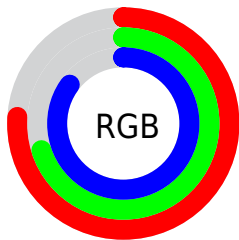
Format	Color
RYB	194, 179, 218
Decimal	12760026
CIELab	75.31, 12.79, -17.66
CIELCh	75, 21.804, 305.911
Yxy	48.7715, 0.2952, 0.2822
Android (android.graphics.Color)	4290950106 (0xFFC2B3DA)
YUV	187.9310, 14.8240, 5.3225
Hunter-Lab	69.8366, 8.1993, -13.1362

Details

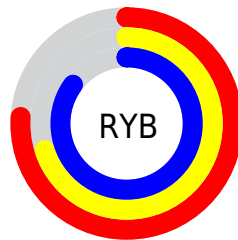
The XYZ color **51.0231, 48.7715, 73.0543** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.8385, 66.0953, 52.3594**, and the grayscale version is **47.6820, 50.1652, 54.6299**.

A 20% lighter version of the original color is **87.5420, 87.1459, 106.8146**, and **24.8869, 23.1415, 37.8054** is the 20% darker color. If you saturate the color by 10%, you get **43.7056, 39.0189, 71.5583**, and if you desaturate by 10%, it is **59.3452, 60.0699, 74.7973**.

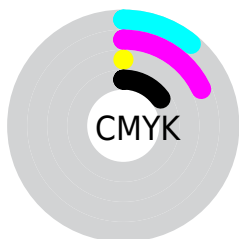
Distribution



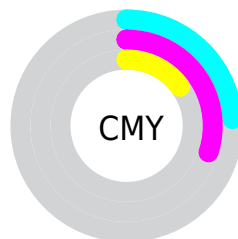
- Red (76%)
- Green (70%)
- Blue (85%)



- Red (76%)
- Yellow (70%)
- Blue (85%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0231, 48.7715, 73.0543 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 51.0231, 48.7715, 73.0543 by changing the saturation by 10% instead.

■ 51.0231, 48.7715,
73.0543

■ 51.0231, 48.7715,
73.0543

381.0397,
381.8421, 490.2788

■ 36.4481, 34.4383,
53.5283

■ 90.8717, 88.3520,
125.2759

■ 24.9522, 23.2305,
37.8340

116.8760,
114.3680, 158.8086

■ 16.1700, 14.7638,
25.5531

147.4208,
145.0471, 197.8472

■ 9.7361, 8.6538,
16.2668

182.8715,
180.7736, 242.8104

■ 5.2853, 4.5160,
9.5568

223.5934,
221.9320, 294.1166

■ 2.4521, 1.9662,
5.0044

269.9518,

■ 0.8711, 0.5877,

268.9066, 352.1843

2.1910

322.3121,
322.0818, 417.4322

■ 0.0000, 0.0000,
0.6692

■ 0.0000, 0.0000,
0.0000

■ 51.0231, 48.7715,
73.0543

■ 51.0231, 48.7715,
73.0543

■ 43.7056, 39.0189,
71.5583

■ 59.3452, 60.0699,
74.7973

■ 37.3476, 30.7369,
70.2948

■ 68.7055, 72.9725,
76.7944

■ 31.9072, 23.8533,
69.2529

■ 79.1416, 87.5421,
79.0565

■ 27.3373, 18.2871,
68.4194

■ 87.0084, 96.4776,
80.3666

■ 23.5860, 13.9487,
67.7797

■ 89.6550, 97.8420,
80.4905

■ 20.5955, 10.7369,
67.3174

■ 18.2987, 8.5332,
67.0130

■ 16.6049, 7.1724,
66.8397

■ 16.2968, 6.9394,
66.8109

Harmonies

Analogous

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



47.1538, 48.7715, 78.2136



51.0231, 48.7715, 73.0543



53.7510, 48.7715, 62.6283

Triad

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



51.0231, 48.7715, 73.0543



49.5720, 48.7715, 35.4003



39.1070, 48.7715, 55.4088

Complementary

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



51.0231, 48.7715, 73.0543



57.8385, 66.0953, 52.3594

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.



39.6722, 48.7715, 44.5976



51.0231, 48.7715, 73.0543



45.5669, 48.7715, 34.0412

Square

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



51.0231, 48.7715, 73.0543



52.8800, 48.7715, 41.1851



41.9823, 48.7715, 37.1628



40.3917, 48.7715, 67.1252

Rectangle

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



51.0231, 48.7715, 73.0543



54.4731, 48.7715, 54.6928



41.9823, 48.7715, 37.1628



39.0879, 48.7715, 51.5461

Sweetspot

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



51.0246, 48.7735, 73.0554



88.2885, 90.6752, 107.4565



52.6148, 57.3829, 74.6333



18.7005, 19.1379, 22.9583



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



51.0246, 48.7735, 73.0554



69.1795, 64.7400, 103.4577



56.3477, 51.5177, 73.3045



12.8098, 12.8601, 16.4592



9.8749, 4.2149, 40.0315



0.7342, 0.3217, 2.5979

Inverse Universe

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



55.8147, 51.4595, 63.4932



77.1414, 69.2073, 87.4404



52.8693, 63.5336, 52.1269



13.3911, 13.1855, 15.3209



19.9610, 9.9854, 14.7065



1.3348, 0.6636, 1.1719

Previews

White Background



This preview shows how the XYZ color 51.0231, 48.7715, 73.0543 looks on a white background.

Color Contrast Check

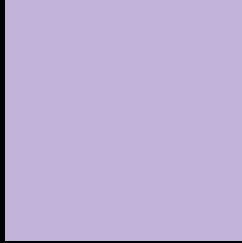
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 51.0231, 48.7715, 73.0543 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 ✓ Pass

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

XYZ 51.0231, 48.7715, 73.0543

Background



This preview shows how black text looks on a background with the XYZ color 51.0231, 48.7715, 73.0543.



This preview shows how white text looks on a background with the XYZ color 51.0231, 48.7715,

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

51.0231, 48.7715, 73.0543

Protanopia

48.5517, 48.9664, 75.2991

Deuteranopia

49.9178, 48.8011, 73.1183



Tritanopia

48.4974, 48.9746, 59.7203

Trichromacy



Original Color

51.0231, 48.7715, 73.0543

Protanomaly

49.4134, 48.8136, 74.5277

Deuteranomaly

50.2114, 48.6516, 73.0739

Tritanomaly

49.4856, 49.0701, 64.6209

Monochromacy



Original Color

51.0231, 48.7715, 73.0543

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.8930, 49.7686, 61.0622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0231, 48.7715, 73.0543 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(194, 179, 218)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 218)  
}
```

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(194, 179, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 218) }
```

Border

The CSS property to change the border of an element to XYZ 51.0231, 48.7715, 73.0543 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(194, 179, 218) }
```


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

```
.border{ border-color:rgb(194, 179, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 218);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0231, 48.7715, 73.0543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 218) }
```

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

```
.background{ background-color: rgb(194,  
179, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor