

Converting Colors

XYZ(50.5797, 48.8949, 79.6904)

Have a look what the booklet for
XYZ(50.5797, 48.8949, 79.6904)
contains.

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Color

**XYZ(50.6387, 49.0329,
79.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB5E3
RGB	186, 181, 227
RGB Percent	73%, 71%, 89%
CMY	0.2706, 0.2902, 0.1098
CMYK	0.18, 0.20, 0.00, 0.11
HSL	247°, 45%, 80%
HSV	247°, 20%, 89%
XYZ	50.6387, 49.0329, 79.4684
YIQ	187.7390, -11.7860, 15.3660

Conversions

Conversions Part 2

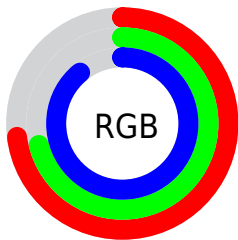
Format	Color
R _Y B	186, 181, 227
Decimal	12236259
CIE Lab	75.47, 11.06, -22.36
CIE LCh	75, 24.948, 296.326
Yxy	49.0329, 0.2827, 0.2737
Android (android.graphics.Color)	4290426339 (0xFFBAB5E3)
YUV	187.7390, 19.3557, -1.5251
Hunter-Lab	70.0235, 6.5442, -18.2707

Details

The XYZ color **50.6387, 49.0329, 79.4684** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.9354, 73.8052, 54.4889**, and the grayscale version is **47.5517, 50.0281, 54.4806**.

A 20% lighter version of the original color is **85.2963, 86.8431, 106.8745**, and **24.6813, 23.3224, 42.2306** is the 20% darker color. If you saturate the color by 10%, you get **41.8215, 38.1857, 77.8402**, and if you desaturate by 10%, it is **60.9070, 61.7469, 81.3821**.

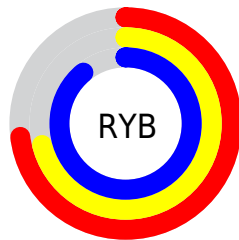
Distribution



Red (73%)

Green (71%)

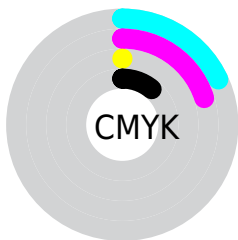
Blue (89%)



Red (73%)

Yellow (71%)

Blue (89%)

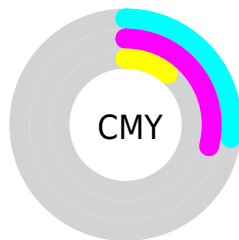


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6387, 49.0329, 79.4684 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 50.6387, 49.0329, 79.4684 by changing the saturation by 10% instead.

■ 50.6387, 49.0329,
79.4684

■ 50.6387, 49.0329,
79.4684

379.5693,
382.8718, 512.7989

■ 36.1410, 34.6456,
58.7574

■ 90.3067, 88.7403,
134.4227

■ 24.7137, 23.3900,
41.9991

116.2077,
114.8292, 169.5031

■ 15.9915, 14.8817,
28.7751

146.6405,
145.5874, 210.2104

■ 9.6090, 8.7364,
18.6666

181.9705,
181.3993, 256.9631

■ 5.2007, 4.5697,
11.2553

222.5630,
222.6493, 310.1798

■ 2.4015, 1.9971,
6.1225

268.7834,

■ 0.8458, 0.6058,

269.7218, 370.2789

2.8497

320.9970,
323.0012, 437.6791

■ 0.0000, 0.0000,
1.0184

■ 0.0000, 0.0000,
0.0000

■ 50.6387, 49.0329,
79.4684

■ 50.6387, 49.0329,
79.4684

■ 41.8215, 38.1857,
77.8402

■ 60.9070, 61.7469,
81.3821

■ 34.3854, 29.1116,
76.4806

■ 72.6831, 76.4037,
83.5904

■ 28.2613, 21.7176,
75.3762

■ 86.0262, 93.0822,
86.1064

■ 23.3724, 15.9003,
74.5110

■ 90.8653, 98.3261,
86.8636

■ 19.6339, 11.5441,
73.8673

■ 16.9499, 8.5182,
73.4247

■ 15.2088, 6.6676,
73.1592

■ 14.2580, 5.7486,
73.0320

Harmonies

Analogous

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



46.0397, 49.0329, 82.8737



50.6387, 49.0329, 79.4684



54.3610, 49.0329, 68.7045

Triad

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



50.6387, 49.0329, 79.4684



51.6835, 49.0329, 34.9576



38.3216, 49.0329, 51.7814

Complementary

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



50.6387, 49.0329, 79.4684



65.9354, 73.8052, 54.4889

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.



39.6230, 49.0329, 40.5367



50.6387, 49.0329, 79.4684



47.1735, 49.0329, 31.8859

Square

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



50.6387, 49.0329, 79.4684



54.9915, 49.0329, 42.9223



42.7901, 49.0329, 33.7477



39.1164, 49.0329, 65.4311

Rectangle

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



50.6387, 49.0329, 79.4684



55.7394, 49.0329, 59.6045



42.7901, 49.0329, 33.7477



38.5261, 49.0329, 47.6204

Sweetspot

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



50.6402, 49.0349, 79.4695



85.5214, 88.1283, 107.1108



59.1503, 67.8264, 82.6481



18.0925, 18.5987, 22.8863



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.



50.6402, 49.0349, 79.4695



61.2372, 58.0561, 102.5861



56.5721, 52.0929, 79.7471



13.7275, 13.9617, 18.1157



8.3626, 3.3769, 42.5942



0.6669, 0.2748, 3.1499

Inverse Universe

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



61.3888, 54.6546, 76.4231



77.4849, 66.5536, 97.8539



59.4705, 70.4724, 54.1864



14.9241, 14.5868, 17.8006



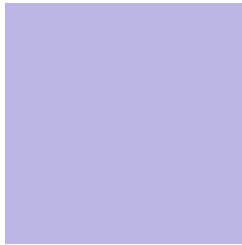
24.7420, 12.0310, 33.8661



1.8478, 0.8968, 2.6048

Previews

White Background



This preview shows how the XYZ color 50.6387, 49.0329, 79.4684 looks on a white background.

Color Contrast Check

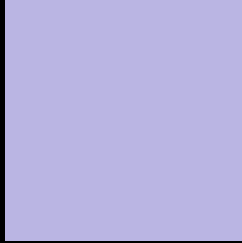
Large Text (above 18pt) WCAG AA × Fail

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 50.6387, 49.0329, 79.4684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

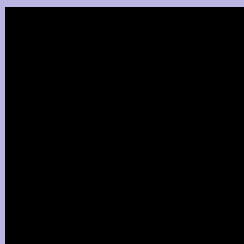
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6387, 49.0329, 79.4684

Background



This preview shows how black text looks on a background with the XYZ color 50.6387, 49.0329, 79.4684.



This preview shows how white text looks on a background with the XYZ color 50.6387, 49.0329,

79.4684.

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

50.6387, 49.0329, 79.4684

Protanopia

48.9625, 49.0521, 81.0161

Deuteranopia

50.1215, 49.0692, 79.5027



Tritanopia

47.0403, 49.1117, 61.6438

Trichromacy



Original Color

50.6387, 49.0329, 79.4684

Protanomaly

49.5275, 49.0521, 80.2564

Deuteranomaly

50.3602, 49.1923, 79.5138

Tritanomaly

48.3018, 49.0014, 67.8852

Monochromacy



Original Color

50.6387, 49.0329, 79.4684

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5031, 49.5270, 62.8804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6387, 49.0329, 79.4684 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(186, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(186, 181, 227)  
}
```

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(186, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 181, 227) }
```

Border

The CSS property to change the border of an element to XYZ 50.6387, 49.0329, 79.4684 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(186, 181, 227) }
```


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

```
.border{ border-color:rgb(186, 181, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(186, 181,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6387, 49.0329, 79.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 181, 227) }
```

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

```
.background{ background-color: rgb(186,  
181, 227) }
```

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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