

Converting Colors

XYZ(49.6804, 48.5389, 79.4235)

Have a look what the booklet for
XYZ(49.6804, 48.5389, 79.4235)
contains.

XYZ(49.6804, 48.5389, 79.4235)	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(49.6804, 48.5389,
79.4235)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B5E3
RGB	182, 181, 227
RGB Percent	71%, 71%, 89%
CMY	0.2863, 0.2902, 0.1098
CMYK	0.20, 0.20, 0.00, 0.11
HSL	241°, 45%, 80%
HSV	241°, 20%, 89%
XYZ	49.6804, 48.5389, 79.4235
YIQ	186.5430, -14.1700, 14.5180

Conversions

Conversions Part 2

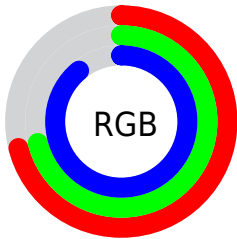
Format	Color
R_{YB}	182, 181, 227
Decimal	11974115
CIE Lab	75.16, 9.82, -22.86
CIE LCh	75, 24.877, 293.247
Yxy	48.5389, 0.2797, 0.2732
Android (android.graphics.Color)	4290164195 (0xFFB6B5E3)
YUV	186.5430, 19.9453, -3.9842
Hunter-Lab	69.6699, 5.3631, -18.8216

Details

The XYZ color **49.6804, 48.5389, 79.4235** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.1751, 74.4443, 54.5469**, and the grayscale version is **46.8752, 49.3163, 53.7055**.

A 20% lighter version of the original color is **83.5941, 85.9655, 106.7949**, and **24.0677, 23.0061, 42.2018** is the 20% darker color. If you saturate the color by 10%, you get **40.6003, 37.5561, 77.7830**, and if you desaturate by 10%, it is **60.3473, 61.4584, 81.3558**.

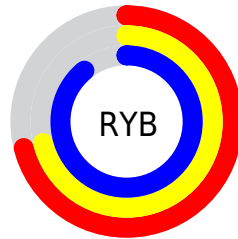
Distribution



Red (71%)

Green (71%)

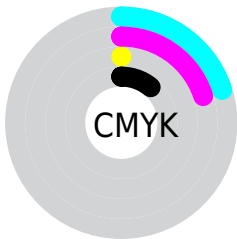
Blue (89%)



Red (71%)

Yellow (71%)

Blue (89%)

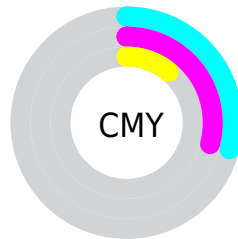


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6804, 48.5389, 79.4235 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 49.6804, 48.5389, 79.4235 by changing the saturation by 10% instead.

■ 49.6804, 48.5389,
79.4235

■ 49.6804, 48.5389,
79.4235

375.8875,
380.9242, 512.6433

■ 35.3763, 34.2538,
58.7207

■ 88.8958, 88.0062,
134.3590

■ 24.1207, 23.0887,
41.9698

114.5378,
113.9573, 169.4287

■ 15.5484, 14.6590,
28.7522

144.6898,
144.5658, 210.1245

■ 9.2940, 8.5804,
18.6495

179.7172,
180.2162, 256.8649

■ 4.9921, 4.4685,
11.2431

219.9853,
221.2929, 310.0684

■ 2.2773, 1.9390,
6.1143

265.8595,

■ 0.7830, 0.5716,

268.1801, 370.1537

2.8448

317.7051,
321.2625, 437.5391

■ 0.0000, 0.0000,
1.0160

■ 0.0000, 0.0000,
0.0000

■ 49.6804, 48.5389,
79.4235

■ 49.6804, 48.5389,
79.4235

■ 40.6003, 37.5561,
77.7830

■ 60.3473, 61.4584,
81.3558

■ 33.0269, 28.4112,
76.4170

■ 72.6667, 76.3952,
83.5896

■ 26.8800, 21.0056,
75.3115

■ 86.7065, 93.4328,
86.1382

■ 22.0703, 15.2290,
74.4501

■ 90.8653, 98.3261,
86.8635

■ 18.4985, 10.9588,
73.8141

■ 16.0512, 8.0549,
73.3825

■ 14.5944, 6.3508,
73.1304

■ 13.9269, 5.5779,
73.0164

Harmonies

Analogous

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



45.1121, 48.5389, 81.8934



49.6804, 48.5389, 79.4235



53.5175, 48.5389, 69.3333

Triad

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



49.6804, 48.5389, 79.4235



51.5790, 48.5389, 35.1861



37.9688, 48.5389, 49.9544

Complementary

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



49.6804, 48.5389, 79.4235



67.1751, 74.4443, 54.5469

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.



39.4643, 48.5389, 39.2120



49.6804, 48.5389, 79.4235



47.1728, 48.5389, 31.6417

Square

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



49.6804, 48.5389, 79.4235



54.6631, 48.5389, 43.5516



42.7620, 48.5389, 32.9839



38.5431, 48.5389, 63.3871

Rectangle

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



49.6804, 48.5389, 79.4235



55.0441, 48.5389, 60.4190



42.7620, 48.5389, 32.9839



38.2427, 48.5389, 45.9422

Sweetspot

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



49.6819, 48.5409, 79.4246



85.0679, 87.8946, 107.0895



60.1824, 69.8906, 82.9921



17.9858, 18.5437, 22.8813



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.



49.6819, 48.5409, 79.4246



59.8362, 57.3338, 102.5206



55.5032, 51.5418, 79.6970



13.6116, 13.9020, 18.1103



8.1347, 3.2595, 42.5836



0.6114, 0.2462, 3.1473

Inverse Universe

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



61.9314, 54.8716, 79.2806



78.3241, 66.8893, 102.2733



60.5032, 71.0048, 54.2347



14.9809, 14.6096, 18.0998



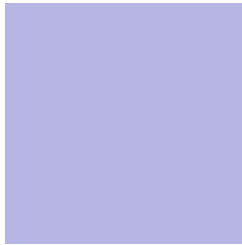
26.1762, 12.6047, 41.4183



1.9387, 0.9332, 3.0835

Previews

White Background



This preview shows how the XYZ color 49.6804, 48.5389, 79.4235 looks on a white background.

Color Contrast Check

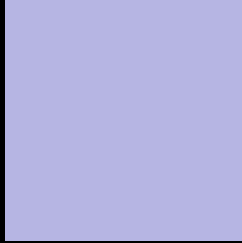
Large Text (above 18pt) WCAG AA × Fail

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 49.6804, 48.5389, 79.4235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

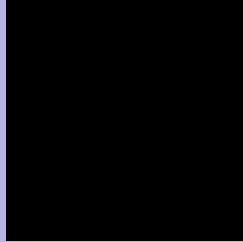
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6804, 48.5389, 79.4235

Background



This preview shows how black text looks on a background with the XYZ color 49.6804, 48.5389, 79.4235.



This preview shows how white text looks on a background with the XYZ color 49.6804, 48.5389,

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

49.6804, 48.5389, 79.4235

Protanopia

48.3926, 48.4671, 80.2033

Deuteranopia

49.6804, 48.5389, 79.4235



Tritanopia

46.1157, 48.6351, 61.6005

Trichromacy



Original Color

49.6804, 48.5389, 79.4235

Protanomaly

48.8630, 48.4044, 80.1664

Deuteranomaly

49.6804, 48.5389, 79.4235

Tritanomaly

47.3638, 48.5178, 67.8413

Monochromacy



Original Color

49.6804, 48.5389, 79.4235

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0172, 49.2765, 62.8576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6804, 48.5389, 79.4235 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(182, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 227) }
```

Border

The CSS property to change the border of an element to XYZ 49.6804, 48.5389, 79.4235 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(182, 181, 227) }
```


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

```
.border{ border-color:rgb(182, 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(182, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6804, 48.5389, 79.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 227) }
```

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

```
.background{ background-color: rgb(182,  
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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