

Converting Colors

XYZ(52.5618, 49.6211, 77.6135)

Have a look what the booklet for
XYZ(52.5618, 49.6211, 77.6135)
contains.

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Color

**XYZ(52.5408, 49.7601,
77.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B4E0
RGB	196, 180, 224
RGB Percent	77%, 71%, 88%
CMY	0.2314, 0.2941, 0.1216
CMYK	0.12, 0.20, 0.00, 0.12
HSL	262°, 42%, 79%
HSV	262°, 20%, 88%
XYZ	52.5408, 49.7601, 77.3565
YIQ	189.8000, -4.5880, 17.0760

Conversions

Conversions Part 2

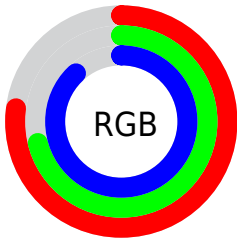
Format	Color
R _Y B	196, 180, 224
Decimal	12891360
CIE Lab	75.92, 14.14, -19.97
CIE LCh	76, 24.471, 305.289
Yxy	49.7601, 0.2924, 0.2770
Android (android.graphics.Color)	4291081440 (0xFFC4B4E0)
YUV	189.8000, 16.8606, 5.4374
Hunter-Lab	70.5408, 9.5053, -15.6400

Details

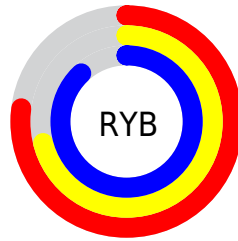
The XYZ color **52.5408, 49.7601, 77.3565** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.9079, 70.0177, 53.4869**, and the grayscale version is **48.7378, 51.2760, 55.8395**.

A 20% lighter version of the original color is **88.5535, 88.0936, 106.9442**, and **25.9061, 23.7941, 40.7634** is the 20% darker color. If you saturate the color by 10%, you get **44.8459, 39.6151, 75.8047**, and if you desaturate by 10%, it is **61.3219, 61.5524, 79.1706**.

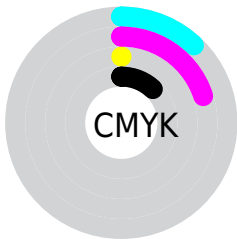
Distribution



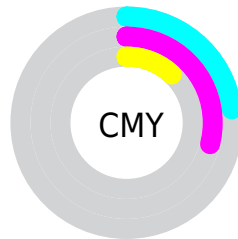
- Red (77%)
- Green (71%)
- Blue (88%)



- Red (77%)
- Yellow (71%)
- Blue (88%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5408, 49.7601, 77.3565 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 52.5408, 49.7601, 77.3565 by changing the saturation by 10% instead.

■ 52.5408, 49.7601,
77.3565

■ 52.5408, 49.7601,
77.3565

386.8106,
385.7270, 505.4486

■ 37.6623, 35.2228,
57.0322

■ 93.0978, 89.8193,
131.4202

■ 25.8967, 23.8346,
40.6216

119.5071,
116.1101, 165.9967

■ 16.8787, 15.2109,
27.7060

150.4907,
147.0874, 206.1610

■ 10.2428, 8.9676,
17.8671

186.4139,
183.1358, 252.3316

■ 5.6237, 4.7200,
10.6861

227.6422,
224.6395, 304.9272

■ 2.6561, 2.0839,
5.7447

274.5408,

■ 0.9746, 0.6556,

271.9830, 364.3662

2.6242

327.4752,
325.5507, 431.0671

■ 0.0000, 0.0000,
0.9049

■ 0.0000, 0.0000,
0.0000

■ 52.5408, 49.7601,
77.3565

■ 52.5408, 49.7601,
77.3565

■ 44.8459, 39.6151,
75.8047

■ 61.3219, 61.5524,
79.1706

■ 38.1877, 31.0360,
74.4997

■ 71.2266, 75.0559,
81.2550

■ 32.5196, 23.9438,
73.4295

■ 82.2962, 90.3389,
83.6215

■ 27.7895, 18.2499,
72.5797

■ 89.7309, 97.7888,
84.6676

■ 23.9397, 13.8560,
71.9345

■ 90.4547, 98.1619,
84.7015

■ 20.9055, 10.6504,
71.4757

■ 18.6119, 8.5014,
71.1818

■ 16.9398, 7.1914,
71.0171

■ 16.8868, 7.1512,
71.0121

Harmonies

Analogous

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



48.1078, 49.7601, 83.2101



52.5408, 49.7601, 77.3565



55.7113, 49.7601, 65.3640

Triad

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



52.5408, 49.7601, 77.3565



51.0543, 49.7601, 34.4296



39.0951, 49.7601, 56.5267

Complementary

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



52.5408, 49.7601, 77.3565



60.9079, 70.0177, 53.4869

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.



39.7730, 49.7601, 44.3511



52.5408, 49.7601, 77.3565



46.4923, 49.7601, 32.8351

Square

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



52.5408, 49.7601, 77.3565



54.8152, 49.7601, 40.9364



42.4114, 49.7601, 36.1679



40.4970, 49.7601, 70.0108

Rectangle

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



52.5408, 49.7601, 77.3565



56.5778, 49.7601, 56.2679



42.4114, 49.7601, 36.1679



39.0884, 49.7601, 52.1450

Sweetspot

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



52.5423, 49.7622, 77.3576



86.8700, 88.8236, 107.1739



54.9811, 60.4917, 79.3001



18.4104, 18.7626, 22.9012



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.



52.5423, 49.7622, 77.3576



65.6319, 60.3217, 102.7918



58.5116, 52.8395, 77.6370



13.4202, 13.4847, 17.2832



9.9445, 4.2219, 41.3391



0.7852, 0.3421, 2.8699

Inverse Universe

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



58.4485, 53.0459, 66.8349



75.1591, 65.6233, 85.6065



55.2913, 67.1223, 53.2240



14.0725, 13.8466, 16.1519



20.8163, 10.3935, 16.2300



1.4854, 0.7374, 1.3489

Previews

White Background



This preview shows how the XYZ color 52.5408, 49.7601, 77.3565 looks on a white background.

Color Contrast Check

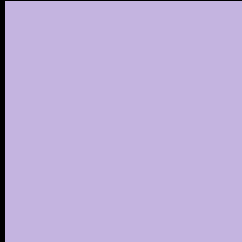
Large Text (above 18pt) WCAG AA × Fail

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 52.5408, 49.7601, 77.3565 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 52.5408, 49.7601, 77.3565

Background



This preview shows how black text looks on a background with the XYZ color 52.5408, 49.7601, 77.3565.



This preview shows how white text looks on a background with the XYZ color 52.5408, 49.7601,

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

52.5408, 49.7601, 77.3565

Protanopia

49.7127, 49.7643, 80.3841

Deuteranopia

50.9918, 49.8861, 76.7535



Tritanopia

49.1875, 49.6110, 61.0162

Trichromacy



Original Color

52.5408, 49.7601, 77.3565

Protanomaly

50.8062, 49.7273, 79.5936

Deuteranomaly

51.5331, 49.8600, 76.7199

Tritanomaly

50.3110, 49.7585, 66.6272

Monochromacy



Original Color

52.5408, 49.7601, 77.3565

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.9578, 50.5885, 63.0086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5408, 49.7601, 77.3565 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(196, 180, 224)` looks like.

```
.text, #text, p{  
    color:rgb(196, 180, 224)  
}
```

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(196, 180, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 180, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.5408, 49.7601, 77.3565 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(196, 180, 224) }
```


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

```
.border{ border-color:rgb(196, 180, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 180, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 180, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 180, 224);  
box-shadow:4px 4px 4px 4px rgb(196, 180,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5408, 49.7601, 77.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 180, 224) }
```

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

```
.background{ background-color: rgb(196,  
180, 224) }
```

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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