

Converting Colors

XYZ(52.3425, 48.1293, 81.6023)

Have a look what the booklet for
XYZ(52.3425, 48.1293, 81.6023)
contains.

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Color

**XYZ(52.3779, 48.1089,
81.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AFE6
RGB	196, 175, 230
RGB Percent	77%, 69%, 90%
CMY	0.2314, 0.3137, 0.0980
CMYK	0.15, 0.24, 0.00, 0.10
HSL	263°, 52%, 79%
HSV	263°, 24%, 90%
XYZ	52.3779, 48.1089, 81.3882
YIQ	187.5490, -5.1390, 21.5570

Conversions

Conversions Part 2

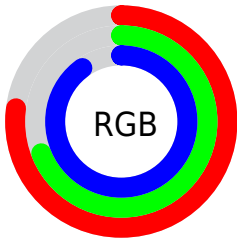
Format	Color
R_{YB}	196, 175, 230
Decimal	12890086
CIE _{Lab}	74.89, 18.14, -24.80
CIE _{LCh}	75, 30.725, 306.195
Yxy	48.1089, 0.2880, 0.2645
Android (android.graphics.Color)	4291080166 (0xFFC4AFE6)
YUV	187.5490, 20.9283, 7.4115
Hunter-Lab	69.3606, 13.4139, -21.0189

Details

The XYZ color **52.3779, 48.1089, 81.3882** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.3306, 73.2452, 51.4122**, and the grayscale version is **47.4330, 49.9032, 54.3446**.

A 20% lighter version of the original color is **87.1339, 85.2545, 106.4710**, and **25.7548, 22.7258, 43.0735** is the 20% darker color. If you saturate the color by 10%, you get **44.7524, 38.0898, 79.8570**, and if you desaturate by 10%, it is **61.1194, 59.8374, 83.1921**.

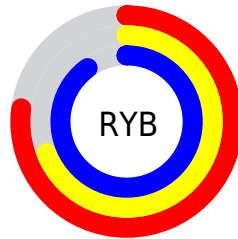
Distribution



Red (77%)

Green (69%)

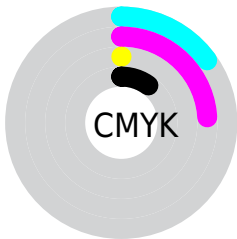
Blue (90%)



Red (77%)

Yellow (69%)

Blue (90%)

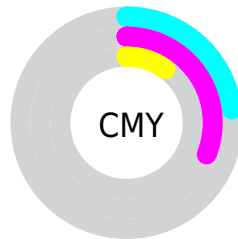


Cyan (15%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (23%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3779, 48.1089, 81.3882 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 52.3779, 48.1089, 81.3882 by changing the saturation by 10% instead.

■ 52.3779, 48.1089,
81.3882

■ 52.3779, 48.1089,
81.3882

386.1938,
379.2236, 519.4286

■ 37.5319, 33.9131,
60.3285

■ 92.8593, 87.3665,
137.1447

■ 25.7951, 22.8269,
43.2564

119.2253,
113.1972, 172.6786

■ 16.8023, 14.4657,
29.7535

150.1620,
143.6749, 213.8742

■ 10.1881, 8.4453,
19.4011

186.0348,
179.1841, 261.1502

■ 5.5871, 4.3812,
11.7807

227.2091,
220.1092, 314.9251

■ 2.6339, 1.8890,
6.4738

274.0501,

■ 0.9633, 0.5417,

266.8345, 375.6175

3.0619

326.9232,
319.7446, 443.6458

■ 0.0000, 0.0000,
1.1263

■ 0.0000, 0.0000,
0.0000

■ 52.3779, 48.1089,
81.3882

■ 52.3779, 48.1089,
81.3882

■ 44.7524, 38.0898,
79.8570

■ 61.1194, 59.8374,
83.1921

■ 38.1899, 29.6920,
78.5819

■ 71.0175, 73.3460,
85.2778

■ 32.6400, 22.8282,
77.5496

■ 82.1163, 88.7085,
87.6581

■ 28.0455, 17.4004,
76.7441

■ 90.5061, 98.0927,
89.0272

■ 24.3434, 13.2985,
76.1475

■ 91.2831, 98.4932,
89.0636

■ 21.4615, 10.3961,
75.7391

■ 19.3140, 8.5399,
75.4940

■ 18.2902, 7.7790,
75.4011

Harmonies

Analogous

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



46.8969, 48.1089, 89.3710



52.3779, 48.1089, 81.3882



56.2921, 48.1089, 65.8282

Triad

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



52.3779, 48.1089, 81.3882



50.2071, 48.1089, 28.9475



35.8430, 48.1089, 55.7782

Complementary

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



52.3779, 48.1089, 81.3882



62.3306, 73.2452, 51.4122

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.



36.5726, 48.1089, 40.9048



52.3779, 48.1089, 81.3882



44.5749, 48.1089, 27.3344

Square

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



52.3779, 48.1089, 81.3882



54.9690, 48.1089, 36.2130



39.6627, 48.1089, 31.2448



37.5821, 48.1089, 72.7650

Rectangle

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



52.3779, 48.1089, 81.3882



57.3223, 48.1089, 54.4536



39.6627, 48.1089, 31.2448



35.8098, 48.1089, 50.3644

Sweetspot

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



52.3794, 48.1109, 81.3893



85.6738, 87.1022, 106.9046



54.9692, 60.8397, 83.7097



18.1722, 18.4170, 22.8470



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.



52.3794, 48.1109, 81.3893



60.9592, 53.8850, 101.7957



59.9431, 52.0101, 81.7432



14.1004, 14.1540, 18.1332



10.4808, 4.4689, 42.6934



0.8754, 0.3823, 3.1596

Inverse Universe

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



59.4732, 52.0883, 67.2429



71.6068, 59.8612, 80.2836



55.4065, 69.6757, 51.0881



14.7496, 14.5170, 16.8820



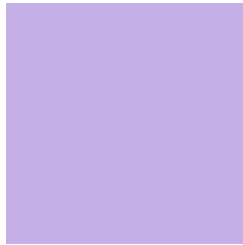
21.3085, 10.6576, 15.7852



1.6196, 0.8055, 1.4032

Previews

White Background



This preview shows how the XYZ color 52.3779, 48.1089, 81.3882 looks on a white background.

Color Contrast Check

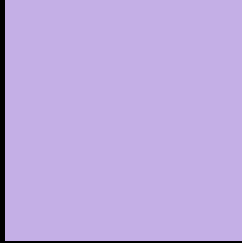
Large Text (above 18pt) WCAG AA × Fail

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 52.3779, 48.1089, 81.3882 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 52.3779, 48.1089, 81.3882

Background



This preview shows how black text looks on a background with the XYZ color 52.3779, 48.1089, 81.3882.



This preview shows how white text looks on a background with the XYZ color 52.3779, 48.1089,

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

52.3779, 48.1089, 81.3882

Protanopia

48.5179, 48.1120, 85.3266

Deuteranopia

49.4891, 48.4082, 80.8641



Tritanopia

47.7229, 47.9804, 58.9704

Trichromacy



Original Color

52.3779, 48.1089, 81.3882

Protanomaly

49.6505, 47.8267, 83.7054

Deuteranomaly

50.5127, 48.3364, 80.7963

Tritanomaly

49.2435, 48.0007, 66.3442

Monochromacy



Original Color

52.3779, 48.1089, 81.3882

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.1988, 49.2551, 63.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3779, 48.1089, 81.3882 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, 175, 230)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 230)  
}
```

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, 175, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.3779, 48.1089, 81.3882 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, 175, 230) }
```


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

```
.border{ border-color:rgb(196, 175, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 230);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3779, 48.1089, 81.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 230) }
```

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

```
.background{ background-color: rgb(196,  
175, 230) }
```

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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