

Converting Colors

XYZ(52.0468, 48.3282, 88.0344)

Have a look what the booklet for
XYZ(52.0468, 48.3282, 88.0344)
contains.

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Color

**XYZ(52.0412, 48.3676,
88.2544)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB1EF
RGB	188, 177, 239
RGB Percent	74%, 69%, 94%
CMY	0.2627, 0.3059, 0.0627
CMYK	0.21, 0.26, 0.00, 0.06
HSL	251°, 66%, 82%
HSV	251°, 26%, 94%
XYZ	52.0412, 48.3676, 88.2544
YIQ	187.3570, -13.3460, 21.6140

Conversions

Conversions Part 2

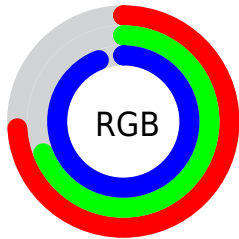
Format	Color
R _Y B	188, 177, 239
Decimal	12366319
CIE Lab	75.06, 16.56, -29.48
CIE LCh	75, 33.816, 299.327
Yxy	48.3676, 0.2758, 0.2564
Android (android.graphics.Color)	4290556399 (0xFFBCB1EF)
YUV	187.3570, 25.4600, 0.5639
Hunter-Lab	69.5468, 11.8629, -26.5558

Details

The XYZ color **52.0412, 48.3676, 88.2544** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.7985, 81.4024, 53.5777**, and the grayscale version is **47.3030, 49.7664, 54.1956**.

A 20% lighter version of the original color is **84.8451, 84.9103, 106.5253**, and **25.5864, 22.9025, 47.8718** is the 20% darker color. If you saturate the color by 10%, you get **43.2099, 37.4110, 86.6058**, and if you desaturate by 10%, it is **62.3621, 61.3216, 90.2116**.

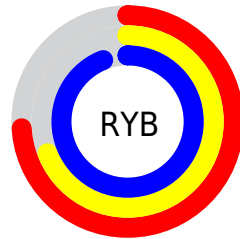
Distribution



Red (74%)

Green (69%)

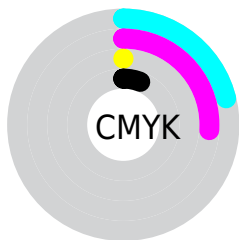
Blue (94%)



Red (74%)

Yellow (69%)

Blue (94%)

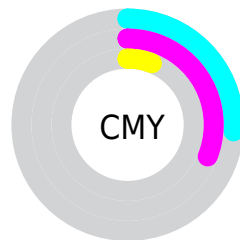


Cyan (21%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (31%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0412, 48.3676, 88.2544 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 52.0412, 48.3676, 88.2544 by changing the saturation by 10% instead.

■ 52.0412, 48.3676,
88.2544

■ 52.0412, 48.3676,
88.2544

384.9170,
380.2474, 542.7589

■ 37.2623, 34.1181,
65.9682

■ 92.3659, 87.7515,
146.8255

■ 25.5853, 22.9843,
47.7903

118.6424,
113.6546, 183.9476

■ 16.6447, 14.5819,
33.3020

149.4821,
144.2111, 226.8520

■ 10.0752, 8.5265,
22.0849

185.2504,
179.8053, 275.9574

■ 5.5115, 4.4337,
13.7204

226.3128,
220.8217, 331.6822

■ 2.5882, 1.9190,
7.7899

273.0344,

■ 0.9399, 0.5598,

267.6445, 394.4450

3.8750

325.7807,
320.6583, 464.6644

■ 0.0000, 0.0000,
1.5570

■ 0.0000, 0.0000,
0.2599

■ 52.0412, 48.3676,
88.2544

■ 52.0412, 48.3676,
88.2544

■ 43.2099, 37.4110,
86.6058

■ 62.3621, 61.3216,
90.2116

■ 35.7939, 28.3460,
85.2470

■ 74.2328, 76.3600,
92.4886

■ 29.7195, 21.0661,
84.1620

■ 87.7161, 93.5716,
95.1002

■ 24.9041, 15.4513,
83.3320

■ 92.5801, 99.0121,
95.8939

■ 21.2559, 11.3671,
82.7360

■ 18.6698, 8.6573,
82.3492

■ 17.0199, 7.1306,
82.1415

■ 16.5515, 6.7328,
82.0894

Harmonies

Analogous

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



45.8326, 48.3676, 94.5487



52.0412, 48.3676, 88.2544



56.9684, 48.3676, 72.0021

Triad

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



52.0412, 48.3676, 88.2544



52.3041, 48.3676, 28.4817



35.0843, 48.3676, 52.2656

Complementary

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



52.0412, 48.3676, 88.2544



70.7985, 81.4024, 53.5777

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.



36.4903, 48.3676, 37.1413



52.0412, 48.3676, 88.2544



46.1116, 48.3676, 25.4382

Square

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



52.0412, 48.3676, 88.2544



57.1295, 48.3676, 37.6923



40.3939, 48.3676, 28.2173



36.3708, 48.3676, 71.1531

Rectangle

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



52.0412, 48.3676, 88.2544



58.6658, 48.3676, 59.2214



40.3939, 48.3676, 28.2173



35.2555, 48.3676, 46.6097

Sweetspot

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



52.0428, 48.3696, 88.2555



82.9775, 84.6230, 106.5682



61.6400, 71.4348, 92.2017



17.3034, 17.5326, 22.7221



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.



52.0428, 48.3696, 88.2555



54.7944, 49.1949, 101.2153



60.3168, 52.6350, 88.6427



15.1587, 15.3635, 19.8881



9.2235, 3.7603, 45.3675



0.8408, 0.3507, 3.7776

Inverse Universe

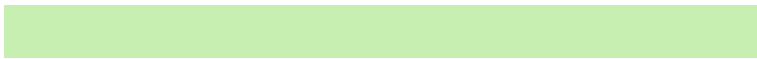
The Inverse Universe completely reimagines the original color for something new.



65.3237, 55.3982, 80.6502



72.6290, 58.6405, 90.6906



62.0047, 76.8690, 53.1661



16.3269, 15.9805, 19.2776



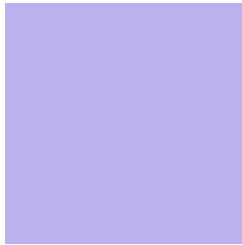
25.2596, 12.3763, 30.3471



2.1325, 1.0421, 2.6887

Previews

White Background



This preview shows how the XYZ color 52.0412, 48.3676, 88.2544 looks on a white background.

Color Contrast Check

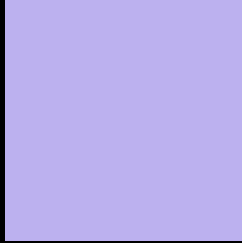
Large Text (above 18pt) WCAG AA × Fail

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 52.0412, 48.3676, 88.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

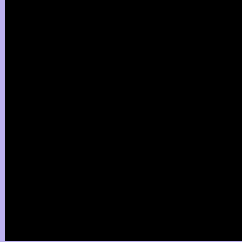
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0412, 48.3676, 88.2544

Background



This preview shows how black text looks on a background with the XYZ color 52.0412, 48.3676, 88.2544.



This preview shows how white text looks on a background with the XYZ color 52.0412, 48.3676,

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

52.0412, 48.3676, 88.2544

Protanopia

49.2596, 48.6629, 91.5906

Deuteranopia

49.4120, 48.2195, 87.5919



Tritanopia

46.5053, 48.2283, 60.8907

Trichromacy



Original Color

52.0412, 48.3676, 88.2544

Protanomaly

50.2301, 48.5725, 90.7324

Deuteranomaly

50.3443, 48.3993, 87.5775

Tritanomaly

48.4286, 48.0931, 70.3488

Monochromacy



Original Color

52.0412, 48.3676, 88.2544

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.5676, 48.8880, 65.2691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0412, 48.3676, 88.2544 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(188, 177, 239)` looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 239)  
}
```

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(188, 177, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 239) }
```

Border

The CSS property to change the border of an element to XYZ 52.0412, 48.3676, 88.2544 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(188, 177, 239) }
```


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

```
.border{ border-color:rgb(188, 177, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 177, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 177, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 177, 239);  
box-shadow:4px 4px 4px 4px rgb(188, 177,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0412, 48.3676, 88.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 239) }
```

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

```
.background{ background-color: rgb(188,  
177, 239) }
```

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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