

Converting Colors

XYZ(52.1291, 48.7840, 71.4344)

Have a look what the booklet for
XYZ(52.1291, 48.7840, 71.4344)
contains.

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Color

**XYZ(52.2042, 48.8197,
71.6374)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B1D8
RGB	201, 177, 216
RGB Percent	79%, 69%, 85%
CMY	0.2118, 0.3059, 0.1529
CMYK	0.07, 0.18, 0.00, 0.15
HSL	277°, 33%, 77%
HSV	277°, 18%, 85%
XYZ	52.2042, 48.8197, 71.6374
YIQ	188.6220, 1.7850, 17.2170

Conversions

Conversions Part 2

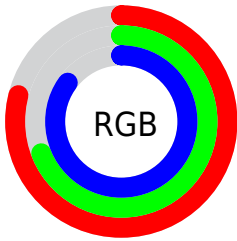
Format	Color
R_{YB}	201, 177, 216
Decimal	13218264
CIE _{Lab}	75.34, 15.77, -16.47
CIE _{LCh}	75, 22.802, 313.760
Yxy	48.8197, 0.3024, 0.2827
Android (android.graphics.Color)	4291408344 (0xFFC9B1D8)
YUV	188.6220, 13.4974, 10.8555
Hunter-Lab	69.8711, 11.0919, -11.8791

Details

The XYZ color **52.2042, 48.8197, 71.6374** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **54.2317, 63.4938, 50.9946**, and the grayscale version is **48.0800, 50.5839, 55.0858**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **25.6733, 23.1916, 36.8415** is the 20% darker color. If you saturate the color by 10%, you get **46.0978, 39.8327, 70.2253**, and if you desaturate by 10%, it is **59.1096, 59.2237, 73.2824**.

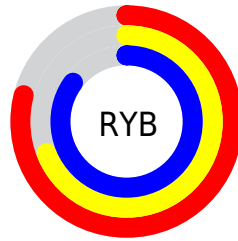
Distribution



Red (79%)

Green (69%)

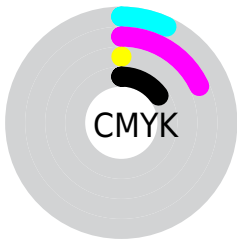
Blue (85%)



Red (79%)

Yellow (69%)

Blue (85%)

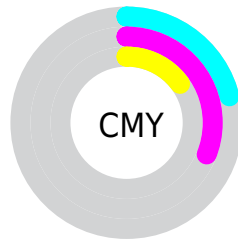


Cyan (7%)

Magenta (18%)

Yellow (0%)

Black (15%)



Cyan (21%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2042, 48.8197, 71.6374 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 52.2042, 48.8197, 71.6374 by changing the saturation by 10% instead.

■ 52.2042, 48.8197,
71.6374

■ 52.2042, 48.8197,
71.6374

385.5355,
382.0321, 485.2221

■ 37.3928, 34.4765,
52.3775

■ 92.6048, 88.4236,
123.2438

■ 25.6868, 23.2599,
36.9217

118.9246,
114.4531, 156.4274

■ 16.7209, 14.7855,
24.8516

149.8114,
145.1468, 195.0892

■ 10.1298, 8.6690,
15.7485

185.6303,
180.8891, 239.6480

■ 5.5480, 4.5259,
9.1939

226.7469,
222.0643, 290.5221

■ 2.6103, 1.9719,
4.7694

273.5263,

■ 0.9512, 0.5911,

269.0570, 348.1301

2.0562

326.3341,
322.2515, 412.8906

■ 0.0000, 0.0000,
0.5895

■ 0.0000, 0.0000,
0.0000

■ 52.2042, 48.8197,
71.6374

■ 52.2042, 48.8197,
71.6374

■ 46.0978, 39.8327,
70.2253

■ 59.1096, 59.2237,
73.2824

■ 40.7525, 32.1921,
69.0323

■ 66.8411, 71.0985,
75.1669

■ 36.1335, 25.8305,
68.0478

■ 75.4298, 84.5030,
77.3016

■ 32.2014, 20.6721,
67.2594

■ 82.1635, 94.0101,
78.7817

■ 28.9128, 16.6328,
66.6530

■ 84.9593, 95.4513,
78.9126

■ 26.2183, 13.6173,
66.2130

■ 87.8847, 96.9595,
79.0495

■ 24.0606, 11.5138,
65.9207

■ 89.3948, 97.7379,
79.1202

■ 22.3576, 10.1617,
65.7495

■ 22.0549, 9.9379,
65.7222

Harmonies

Analogous

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



48.3459, 48.8197, 78.8853



52.2042, 48.8197, 71.6374



54.5806, 48.8197, 59.8786

Triad

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



52.2042, 48.8197, 71.6374



48.6931, 48.8197, 33.9269



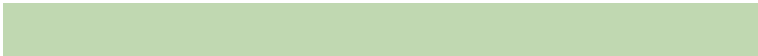
39.0030, 48.8197, 58.8397

Complementary

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



52.2042, 48.8197, 71.6374



54.2317, 63.4938, 50.9946

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.



39.0835, 48.8197, 46.9571



52.2042, 48.8197, 71.6374



44.5103, 48.8197, 33.7355

Square

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



52.2042, 48.8197, 71.6374



52.4715, 48.8197, 38.7324



41.0459, 48.8197, 38.1631



40.8189, 48.8197, 70.7788

Rectangle

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



52.2042, 48.8197, 71.6374



54.9204, 48.8197, 51.6565



41.0459, 48.8197, 38.1631



38.8127, 48.8197, 54.6850

Sweetspot

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



52.2057, 48.8218, 71.6385



89.3353, 91.2149, 107.5055



49.5097, 52.2703, 72.4462



18.9549, 19.2690, 22.9702



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.



52.2057, 48.8218, 71.6385



72.1926, 65.4156, 103.4292



55.9387, 50.8038, 69.2123



12.4689, 12.3831, 15.6705



13.1779, 5.9460, 38.9063



0.8860, 0.4056, 2.3509

Inverse Universe

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



53.5572, 49.8512, 56.6710



74.6221, 67.2535, 77.0909



51.0193, 61.7922, 52.9027



12.6190, 12.4991, 13.9338



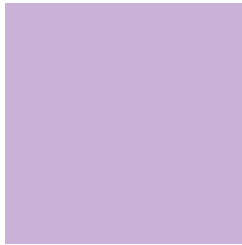
17.7369, 9.0311, 5.9187



1.1096, 0.5606, 0.5668

Previews

White Background



This preview shows how the XYZ color 52.2042, 48.8197, 71.6374 looks on a white background.

Color Contrast Check

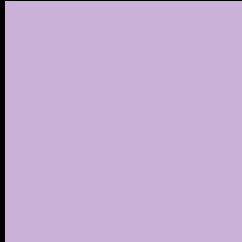
Large Text (above 18pt) WCAG AA × Fail

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 52.2042, 48.8197, 71.6374 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

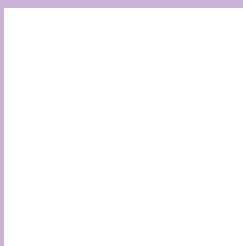
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2042, 48.8197, 71.6374

Background



This preview shows how black text looks on a background with the XYZ color 52.2042, 48.8197, 71.6374.



This preview shows how white text looks on a background with the XYZ color 52.2042, 48.8197,

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

52.2042, 48.8197, 71.6374

Protanopia

48.5517, 48.9664, 75.2991

Deuteranopia

50.0248, 48.9012, 71.0923



Tritanopia

49.6629, 48.9936, 58.4690

Trichromacy



Original Color

52.2042, 48.8197, 71.6374

Protanomaly

49.5598, 48.6013, 73.7867

Deuteranomaly

50.8351, 49.0181, 71.0721

Tritanomaly

50.6539, 49.0964, 63.3067

Monochromacy



Original Color

52.2042, 48.8197, 71.6374

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6501, 50.1589, 61.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2042, 48.8197, 71.6374 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(201, 177, 216)` looks like.

```
.text, #text, p{  
    color:rgb(201, 177, 216)  
}
```

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(201, 177, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 177, 216) }
```

Border

The CSS property to change the border of an element to XYZ 52.2042, 48.8197, 71.6374 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(201, 177, 216) }
```


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

```
.border{ border-color:rgb(201, 177, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 177, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 177, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 177, 216);  
box-shadow:4px 4px 4px 4px rgb(201, 177,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2042, 48.8197, 71.6374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 177, 216) }
```

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

```
.background{ background-color: rgb(201,  
177, 216) }
```

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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