

Converting Colors

XYZ(52.6933, 50.0068, 69.8273)

Have a look what the booklet for
XYZ(52.6933, 50.0068, 69.8273)
contains.

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Color

**XYZ(52.6886, 50.0032,
69.8254)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB4D5
RGB	202, 180, 213
RGB Percent	79%, 71%, 84%
CMY	0.2078, 0.2941, 0.1647
CMYK	0.05, 0.15, 0.00, 0.16
HSL	280°, 28%, 77%
HSV	280°, 15%, 84%
XYZ	52.6886, 50.0032, 69.8254
YIQ	190.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

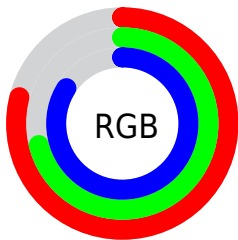
Format	Color
R_{YB}	202, 180, 213
Decimal	13284565
CIE _{Lab}	76.07, 13.88, -13.73
CIE _{LCh}	76, 19.519, 315.312
Yxy	50.0032, 0.3054, 0.2898
Android (android.graphics.Color)	4291474645 (0xFFCAB4D5)
YUV	190.3400, 11.1714, 10.2258
Hunter-Lab	70.7129, 9.2537, -9.0468

Details

The XYZ color **52.6886, 50.0032, 69.8254** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **53.5202, 61.9615, 52.3215**, and the grayscale version is **49.0774, 51.6332, 56.2286**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **25.9737, 23.9433, 35.6003** is the 20% darker color. If you saturate the color by 10%, you get **46.8378, 41.0878, 68.4137**, and if you desaturate by 10%, it is **59.2916, 60.2899, 71.4637**.

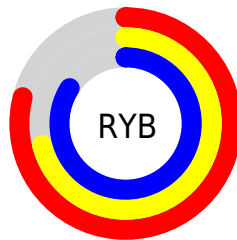
Distribution



Red (79%)

Green (71%)

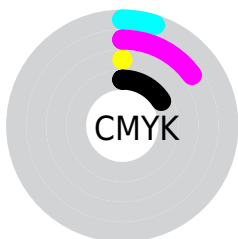
Blue (84%)



Red (79%)

Yellow (71%)

Blue (84%)

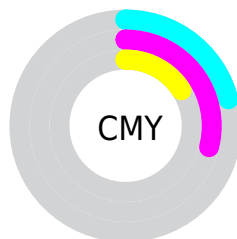


Cyan (5%)

Magenta (15%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6886, 50.0032, 69.8254 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 52.6886, 50.0032, 69.8254 by changing the saturation by 10% instead.

■ 52.6886, 50.0032,
69.8254

■ 52.6886, 50.0032,
69.8254

387.3697,
386.6785, 478.7093

■ 37.7807, 35.4159,
50.9083

■ 93.3142, 90.1796,
120.6385

■ 25.9890, 23.9835,
35.7594

119.7627,
116.5376, 153.3716

■ 16.9480, 15.3213,
23.9602

150.7887,
147.5879, 191.5470

■ 10.2925, 9.0452,
15.0922

186.7576,
183.7149, 235.5835

■ 5.6571, 4.7707,
8.7368

228.0348,
225.3031, 285.8993

■ 2.6764, 2.1134,
4.4754

274.9857,

■ 0.9850, 0.6721,

272.7368, 342.9132

1.8896

327.9755,
326.4005, 407.0437

■ 0.0000, 0.0000,
0.4861

■ 0.0000, 0.0000,
0.0000

■ 52.6886, 50.0032,
69.8254

■ 52.6886, 50.0032,
69.8254

■ 46.8378, 41.0878,
68.4137

■ 59.2916, 60.2899,
71.4637

■ 41.7035, 33.4767,
67.2152

■ 66.6715, 71.9985,
73.3347

■ 37.2535, 27.1065,
66.2202

■ 74.8575, 85.1846,
75.4484

■ 33.4513, 21.9060,
65.4168

■ 80.5333, 93.2141,
76.6991

■ 30.2567, 17.7967,
64.7920

■ 82.8642, 94.4157,
76.8082

■ 27.6246, 14.6900,
64.3310

■ 85.2890, 95.6657,
76.9217

■ 25.5024, 12.4832,
64.0169

■ 87.8088, 96.9647,
77.0396

■ 23.8263, 11.0502,
63.8287

■ 89.0104, 97.5842,
77.0958

■ 23.1648, 10.5545,
63.7679

Harmonies

Analogous

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



49.4026, 50.0032, 76.2041



52.6886, 50.0032, 69.8254



54.6380, 50.0032, 59.6977

Triad

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



52.6886, 50.0032, 69.8254



49.3269, 50.0032, 37.2365



41.0785, 50.0032, 59.9228

Complementary

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



52.6886, 50.0032, 69.8254



53.5202, 61.9615, 52.3215

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.



41.0606, 50.0032, 49.5098



52.6886, 50.0032, 69.8254



45.6986, 50.0032, 37.2805

Square

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



52.6886, 50.0032, 69.8254



52.6307, 50.0032, 41.3782



42.7132, 50.0032, 41.5072



42.7635, 50.0032, 70.0082

Rectangle

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



52.6886, 50.0032, 69.8254



54.8567, 50.0032, 52.6067



42.7132, 50.0032, 41.5072



40.8803, 50.0032, 56.3256

Sweetspot

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



52.6901, 50.0053, 69.8265



89.5701, 91.3359, 107.5165



49.5856, 52.0115, 70.3773



19.0120, 19.2985, 22.9729



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.



52.6901, 50.0053, 69.8265



75.7995, 69.9523, 104.1148



55.1547, 51.3473, 66.7119



12.5321, 12.4157, 15.6735



14.2622, 6.5049, 38.9570



0.9463, 0.4367, 2.3537

Inverse Universe

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



53.1676, 50.5525, 56.2482



76.7230, 70.9795, 79.2578



51.3702, 60.7938, 54.9005



12.5923, 12.4884, 13.7933



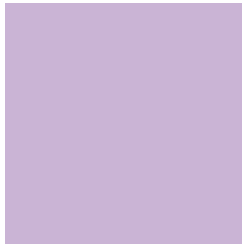
17.4993, 8.9360, 4.6675



1.0934, 0.5541, 0.4810

Previews

White Background



This preview shows how the XYZ color 52.6886, 50.0032, 69.8254 looks on a white background.

Color Contrast Check

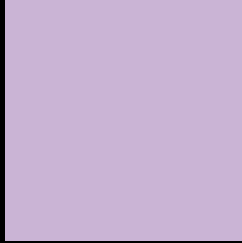
Large Text (above 18pt) WCAG AA × Fail

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 52.6886, 50.0032, 69.8254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

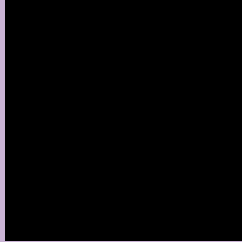
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6886, 50.0032, 69.8254

Background



This preview shows how black text looks on a background with the XYZ color 52.6886, 50.0032, 69.8254.



This preview shows how white text looks on a background with the XYZ color 52.6886, 50.0032,

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

52.6886, 50.0032, 69.8254

Protanopia

49.3747, 50.0726, 72.7083

Deuteranopia

51.0653, 50.0898, 69.2642



Tritanopia

50.8309, 50.1776, 59.8295

Trichromacy



Original Color

52.6886, 50.0032, 69.8254

Protanomaly

50.5214, 50.0577, 71.9651

Deuteranomaly

51.6376, 50.0797, 69.2321

Tritanomaly

51.5948, 50.1852, 63.4673

Monochromacy



Original Color

52.6886, 50.0032, 69.8254

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.0001, 50.6644, 60.5700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6886, 50.0032, 69.8254 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(202, 180, 213)` looks like.

```
.text, #text, p{  
    color:rgb(202, 180, 213)  
}
```

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(202, 180, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 180, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.6886, 50.0032, 69.8254 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(202, 180, 213) }
```


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

```
.border{ border-color:rgb(202, 180, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 180, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 180, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 180, 213);  
box-shadow:4px 4px 4px 4px rgb(202, 180,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6886, 50.0032, 69.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 180, 213) }
```

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

```
.background{ background-color: rgb(202,  
180, 213) }
```

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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