

Converting Colors

XYZ(57.8715, 52.7369, 98.0982)

Have a look what the booklet for
XYZ(57.8715, 52.7369, 98.0982)
contains.

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Color

**XYZ(57.9600, 52.7003,
98.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B6FB
RGB	200, 182, 251
RGB Percent	78%, 71%, 98%
CMY	0.2157, 0.2863, 0.0157
CMYK	0.20, 0.27, 0.00, 0.02
HSL	256°, 90%, 85%
HSV	256°, 27%, 98%
XYZ	57.9600, 52.7003, 98.3841
YIQ	195.2480, -11.4210, 25.2750

Conversions

Conversions Part 2

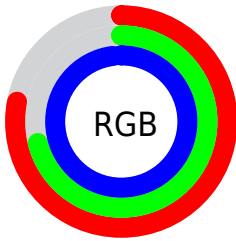
Format	Color
R _Y B	200, 182, 251
Decimal	13154043
CIE Lab	77.70, 20.13, -31.81
CIE LCh	78, 37.641, 302.332
Yxy	52.7003, 0.2773, 0.2521
Android (android.graphics.Color)	4291344123 (0xFFC8B6FB)
YUV	195.2480, 27.4857, 4.1675
Hunter-Lab	72.5950, 15.4736, -29.5361

Details

The XYZ color **57.9600, 52.7003, 98.3841** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.5464, 89.6966, 57.5369**, and the grayscale version is **51.8672, 54.5683, 59.4249**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **29.2649, 25.6153, 54.4408** is the 20% darker color. If you saturate the color by 10%, you get **48.6154, 40.9249, 96.6046**, and if you desaturate by 10%, it is **68.8306, 66.6324, 100.5012**.

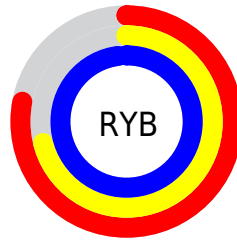
Distribution



Red (78%)

Green (71%)

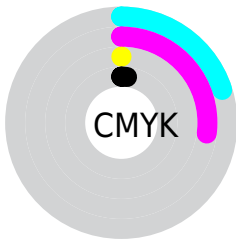
Blue (98%)



Red (78%)

Yellow (71%)

Blue (98%)

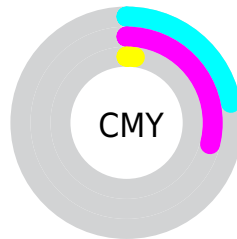


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9600, 52.7003, 98.3841 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 57.9600, 52.7003, 98.3841 by changing the saturation by 10% instead.

■ 57.9600, 52.7003,
98.3841

■ 57.9600, 52.7003,
98.3841

406.9931,
397.1342, 576.2018

■ 42.0196, 37.5636,
74.3424

■ 100.9879, 94.1632,
160.9672

■ 29.3078, 25.6441,
54.5758

128.8062,
121.2582, 200.3457

■ 19.4593, 16.5576,
38.6659

161.3144,
153.1081, 245.6736

■ 12.1086, 9.9196,
26.1941

198.8780,
190.0972, 297.3693

■ 6.8904, 5.3457,
16.7418

241.8623,
232.6100, 355.8514

■ 3.4394, 2.4515,
9.8906

290.6327,

■ 1.3901, 0.8522,

281.0308, 421.5385

5.2218

345.5545,
335.7441, 494.8491

■ 0.2492, 0.0000,
2.3170

■ 0.0000, 0.0000,
0.7407

■ 57.9600, 52.7003,
98.3841

■ 57.9600, 52.7003,
98.3841

■ 48.6154, 40.9249,
96.6046

■ 68.8306, 66.6324,
100.5012

■ 40.7209, 31.1903,
95.1417

■ 81.2879, 82.8165,
102.9685

■ 34.2017, 23.3793,
93.9776

■ 94.4127, 99.7451,
105.5443

■ 28.9740, 17.3600,
93.0913

■ 24.9439, 12.9833,
92.4590

■ 22.0034, 10.0748,
92.0525

■ 20.0168, 8.4091,
91.8357

■ 19.6245, 8.1053,
91.7978

Harmonies

Analogous

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



50.6620, 52.7003, 107.5133



57.9600, 52.7003, 98.3841



63.5460, 52.7003, 78.0948

Triad

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



57.9600, 52.7003, 98.3841



56.8790, 52.7003, 28.6843



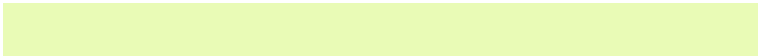
37.3590, 52.7003, 59.0291

Complementary

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



57.9600, 52.7003, 98.3841



76.5464, 89.6966, 57.5369

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.



38.6819, 52.7003, 40.6989



57.9600, 52.7003, 98.3841



49.5224, 52.7003, 25.9108

Square

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



57.9600, 52.7003, 98.3841



62.8805, 52.7003, 38.4920



42.9668, 52.7003, 29.7245



39.1635, 52.7003, 81.6178

Rectangle

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



57.9600, 52.7003, 98.3841



65.2918, 52.7003, 62.9020



42.9668, 52.7003, 29.7245



37.4525, 52.7003, 52.1942

Sweetspot

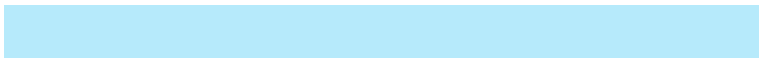
The Sweet Spot groups the original color and five complimentary colors.



57.9617, 52.7024, 98.3853



83.5525, 84.9194, 106.5951



66.0573, 75.6151, 102.3812



17.4472, 17.6068, 22.7288



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.



57.9617, 52.7024, 98.3853



54.5264, 47.6006, 100.9217



67.9918, 57.8731, 98.8547



16.7075, 16.8619, 21.7594



10.4303, 4.3197, 48.2576



1.0608, 0.4489, 4.4739

Inverse Universe

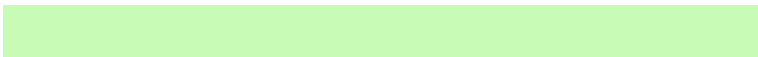
The Inverse Universe completely reimagines the original color for something new.



71.2211, 59.8503, 84.8909



70.4895, 56.2151, 84.2623



66.5619, 84.5494, 57.0697



17.7884, 17.4427, 20.7412



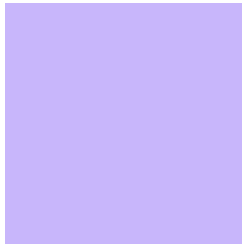
25.6069, 12.6585, 25.7021



2.4150, 1.1897, 2.6088

Previews

White Background



This preview shows how the XYZ color 57.9600, 52.7003, 98.3841 looks on a white background.

Color Contrast Check

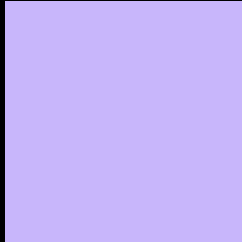
Large Text (above 18pt) WCAG AA × Fail

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 57.9600, 52.7003, 98.3841 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 57.9600, 52.7003, 98.3841

Background



This preview shows how black text looks on a background with the XYZ color 57.9600, 52.7003, 98.3841.



This preview shows how white text looks on a background with the XYZ color 57.9600, 52.7003,

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

57.9600, 52.7003, 98.3841

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.2753, 53.0006, 97.8120



Tritanopia

51.5096, 52.9243, 65.8931

Trichromacy



Original Color

57.9600, 52.7003, 98.3841

Protanomaly

55.1882, 52.7637, 101.0416

Deuteranomaly

55.3077, 52.5847, 97.6773

Tritanomaly

53.6737, 52.8425, 76.4779

Monochromacy



Original Color

57.9600, 52.7003, 98.3841

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7052, 53.6035, 71.8059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9600, 52.7003, 98.3841 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(200, 182, 251)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 251)  
}
```

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(200, 182, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 251) }
```

Border

The CSS property to change the border of an element to XYZ 57.9600, 52.7003, 98.3841 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(200, 182, 251) }
```


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

```
.border{ border-color:rgb(200, 182, 251) }
```

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

Here you see how a box with a 4 pixel rgb(200, 182, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 251);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9600, 52.7003, 98.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 251) }
```

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

```
.background{ background-color: rgb(200,  
182, 251) }
```

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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