

Converting Colors

XYZ(52.9206, 37.0573, 98.9682)

Have a look what the booklet for
XYZ(52.9206, 37.0573, 98.9682)
contains.

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Color

**XYZ(52.8966, 37.0341,
98.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	D382FF
RGB	211, 130, 255
RGB Percent	83%, 51%, 100%
CMY	0.1725, 0.4902, 0.0000
CMYK	0.17, 0.49, 0.00, 0.00
HSL	279°, 100%, 75%
HSV	279°, 49%, 100%
XYZ	52.8966, 37.0341, 98.9681
YIQ	168.4690, 8.1510, 56.0470

Conversions

Conversions Part 2

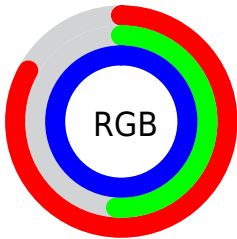
Format	Color
R _Y B	211, 130, 255
Decimal	13861631
CIE Lab	67.30, 52.21, -50.11
CIE LCh	67, 72.368, 316.177
Yxy	37.0341, 0.2800, 0.1961
Android (android.graphics.Color)	4292051711 (0xFFD382FF)
YUV	168.4690, 42.6598, 37.2997
Hunter-Lab	60.8556, 48.6574, -53.8230

Details

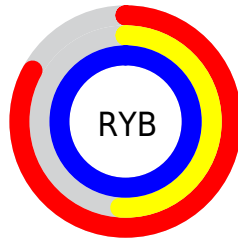
The XYZ color **52.8966, 37.0341, 98.9681** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **57.2453, 82.1306, 33.9561**, and the grayscale version is **37.2450, 39.1846, 42.6721**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **26.1733, 16.2550, 55.1841** is the 20% darker color. If you saturate the color by 10%, you get **47.4156, 29.7827, 97.8573**, and if you desaturate by 10%, it is **59.3640, 46.0430, 100.3661**.

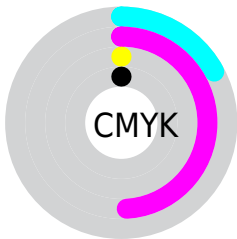
Distribution



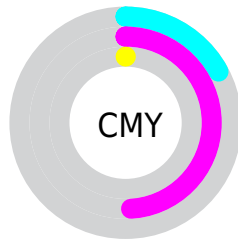
- Red (83%)
- Green (51%)
- Blue (100%)



- Red (83%)
- Yellow (51%)
- Blue (100%)



- Cyan (17%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8966, 37.0341, 98.9681 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 52.8966, 37.0341, 98.9681 by changing the saturation by 10% instead.


 52.8966, 37.0341,
98.9681


 52.8966, 37.0341,
98.9681

388.1556,
333.4581, 578.0976


 37.9474, 25.2339,
74.8270


 93.6186, 70.6252,
161.7779

 26.1189, 16.2514,
54.9703


 120.1221, 93.1849,
201.2836

 17.0457, 9.7022,
38.9795


 151.2078,
120.0999, 246.7479

 10.3626, 5.2020,
26.4361

187.2409,
151.7546, 298.5894

 5.7041, 2.3663,
16.9215

228.5870,
188.5334, 357.2266

 2.7050, 0.8084,
10.0171

275.6112,

 0.9997, 0.0000,

230.8206, 423.0780

5.3046

328.6789,
279.0008, 496.5621

■ 0.0000, 0.0000,
2.3652

■ 0.0000, 0.0000,
0.7674

■ 52.8966, 37.0341,
98.9681

■ 52.8966, 37.0341,
98.9681

■ 47.4156, 29.7827,
97.8573

■ 59.3640, 46.0430,
100.3661

■ 42.8516, 24.1567,
97.0119

■ 66.8731, 56.9198,
102.0698

■ 39.1314, 20.0121,
96.4080

■ 75.4791, 69.7706,
104.0966

■ 36.1669, 17.1762,
96.0169

■ 85.2322, 84.6924,
106.4628

■ 33.8291, 15.3948, 95.0500, 100.0000,
95.7962 108.9000

■ 33.6176, 15.2454,
95.7786

Harmonies

Analogous

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



41.4688, 37.0341, 131.7626



52.8966, 37.0341, 98.9681



60.1754, 37.0341, 56.7103

Triad

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



52.8966, 37.0341, 98.9681



40.5336, 37.0341, 5.3718



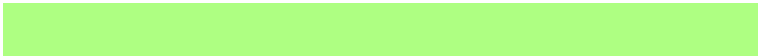
18.4605, 37.0341, 59.8019

Complementary

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



52.8966, 37.0341, 98.9681



57.2453, 82.1306, 33.9561

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.



18.3137, 37.0341, 27.4437



52.8966, 37.0341, 98.9681



29.5968, 37.0341, 5.5426

Square

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



52.8966, 37.0341, 98.9681



52.0894, 37.0341, 10.3964



21.9689, 37.0341, 11.1306



22.4236, 37.0341, 102.2259

Rectangle

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



52.8966, 37.0341, 98.9681



60.8827, 37.0341, 34.1140



21.9689, 37.0341, 11.1306



17.9968, 37.0341, 47.2449

Sweetspot

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



52.8979, 37.0356, 98.9683



79.2575, 75.5122, 105.0057



42.7497, 42.9524, 100.6452



16.5351, 15.5090, 22.3720



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.



52.8979, 37.0356, 98.9683



47.4247, 29.7943, 97.8591



64.7049, 43.4190, 86.1167



18.1358, 17.9618, 22.7611



17.7339, 8.0526, 50.0542



1.8452, 0.8452, 4.8791

Inverse Universe

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



56.8632, 40.2823, 44.8232



52.3750, 33.7234, 35.8744



50.2071, 78.3624, 39.9474



18.2734, 18.0927, 20.0569



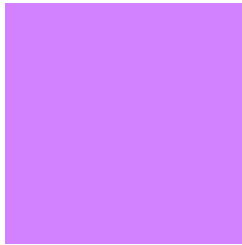
22.5715, 11.5179, 6.3939



2.2472, 1.1413, 0.8833

Previews

White Background



This preview shows how the XYZ color 52.8966, 37.0341, 98.9681 looks on a white background.

Color Contrast Check

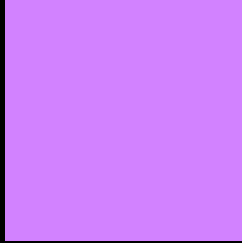
Large Text (above 18pt) WCAG AA × Fail

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 52.8966, 37.0341, 98.9681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

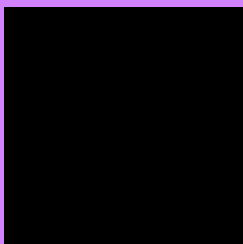
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8966, 37.0341, 98.9681

Background



This preview shows how black text looks on a background with the XYZ color 52.8966, 37.0341, 98.9681.



This preview shows how white text looks on a background with the XYZ color 52.8966, 37.0341,

98.9681.

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

52.8966, 37.0341, 98.9681

Protanopia

39.8481, 37.3769, 99.7220

Deuteranopia

38.3527, 37.2568, 93.9768



Tritanopia

40.9550, 37.0071, 40.1065

Trichromacy



Original Color

52.8966, 37.0341, 98.9681



Protanomaly

43.2544, 36.4036, 99.3546



Deuteranomaly

42.1895, 36.1662, 96.0239

Tritanomaly

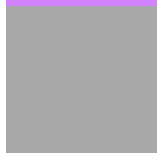
44.4084, 36.5343, 57.5346

Monochromacy



Original Color

52.8966, 37.0341, 98.9681



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

41.7481, 37.4717, 59.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8966, 37.0341, 98.9681 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(211, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 130, 255)  
}
```

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(211, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 130, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.8966, 37.0341, 98.9681 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(211, 130, 255) }
```


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

```
.border{ border-color:rgb(211, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 130,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8966, 37.0341, 98.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 130, 255) }
```

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

```
.background{ background-color: rgb(211,  
130, 255) }
```

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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