

Converting Colors

XYZ(58.9279, 49.8719, 98.6971)

Have a look what the booklet for
XYZ(58.9279, 49.8719, 98.6971)
contains.

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Color

**XYZ(58.9976, 50.0030,
98.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	D3ABFC
RGB	211, 171, 252
RGB Percent	83%, 67%, 99%
CMY	0.1725, 0.3294, 0.0118
CMYK	0.16, 0.32, 0.00, 0.01
HSL	270°, 93%, 83%
HSV	270°, 32%, 99%
XYZ	58.9976, 50.0030, 98.6375
YIQ	192.1940, -2.1610, 33.6710

Conversions

Conversions Part 2

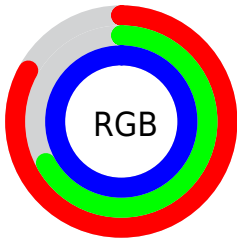
Format	Color
RYB	211, 171, 252
Decimal	13872124
CIELab	76.07, 29.66, -34.78
CIELCh	76, 45.705, 310.458
Yxy	50.0030, 0.2841, 0.2408
Android (android.graphics.Color)	4292062204 (0xFFD3ABFC)
YUV	192.1940, 29.4844, 16.4929
Hunter-Lab	70.7128, 25.1800, -33.2048

Details

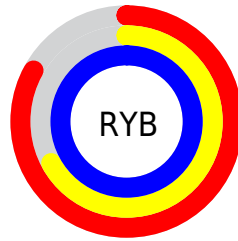
The XYZ color **58.9976, 50.0030, 98.6375** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.3140, 86.5593, 51.5846**, and the grayscale version is **50.0518, 52.6584, 57.3450**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **29.8463, 23.8656, 54.6632** is the 20% darker color. If you saturate the color by 10%, you get **51.1734, 39.5652, 97.0360**, and if you desaturate by 10%, it is **68.0225, 62.4092, 100.5573**.

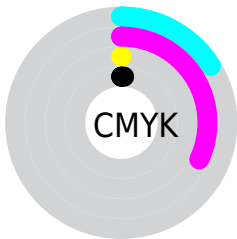
Distribution



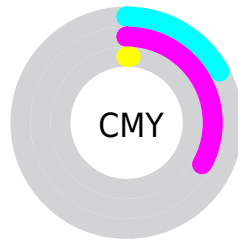
- Red (83%)
- Green (67%)
- Blue (99%)



- Red (83%)
- Yellow (67%)
- Blue (99%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (1%)




- Cyan (17%)
- Magenta (33%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9976, 50.0030, 98.6375 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 58.9976, 50.0030, 98.6375 by changing the saturation by 10% instead.


 58.9976, 50.0030,
98.6375

 58.9976, 50.0030,
98.6375


410.7872,
386.6777, 577.0248

 42.8575, 35.4158,
74.5526

 102.4888, 90.1793,
161.3190

 29.9674, 23.9833,
54.7469


130.5707,
116.5372, 200.7528

 19.9618, 15.3213,
38.8019


163.3639,
147.5875, 246.1399

 12.4754, 9.0452,
26.2990

201.2338,
183.7144, 297.8989

 7.1428, 4.7707,
16.8197

244.5457,
225.3026, 356.4484

 3.5987, 2.1133,
9.9454

293.6650,

 1.4777, 0.6721,

272.7362, 422.2068

5.2577

348.9571,
326.3998, 495.5928

■ 0.3106, 0.0000,
2.3378

■ 0.0000, 0.0000,
0.7523

■ 58.9976, 50.0030,
98.6375

■ 58.9976, 50.0030,
98.6375

■ 51.1734, 39.5652,
97.0360

■ 68.0225, 62.4092,
100.5573

■ 44.4865, 30.9826,
95.7318

■ 78.2972, 76.8761,
102.8081

■ 38.8747, 24.1399,
94.7068

■ 89.8739, 93.4976,
105.4063

■ 34.2670, 18.9057,
93.9394

■ 94.5708, 99.8083,
106.3768

■ 30.5823, 15.1292,
93.4046

■ 27.7240, 12.6287,
93.0726

■ 25.9474, 11.3466,
92.9188

Harmonies

Analogous

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



50.5698, 50.0030, 115.0198



58.9976, 50.0030, 98.6375



64.7412, 50.0030, 71.7383

Triad

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



58.9976, 50.0030, 98.6375



53.2331, 50.0030, 21.0641



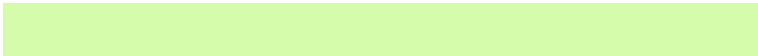
33.1385, 50.0030, 63.4351

Complementary

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



58.9976, 50.0030, 98.6375



69.3140, 86.5593, 51.5846

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.



33.6705, 50.0030, 40.1810



58.9976, 50.0030, 98.6375



44.6076, 50.0030, 20.0571

Square

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



58.9976, 50.0030, 98.6375



61.1471, 50.0030, 29.2754



37.6477, 50.0030, 25.9294



36.0953, 50.0030, 91.0165

Rectangle

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



58.9976, 50.0030, 98.6375



65.9098, 50.0030, 54.0694



37.6477, 50.0030, 25.9294



32.9248, 50.0030, 54.8219

Sweetspot

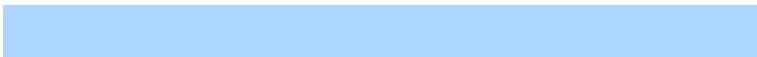
The Sweet Spot groups the original color and five complimentary colors.



58.9993, 50.0051, 98.6386



82.8576, 82.4294, 106.1511



58.1236, 63.2011, 101.2319



17.3916, 17.1535, 22.6443



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.



58.9993, 50.0051, 98.6386



54.9465, 43.7772, 100.1616



71.7926, 56.6003, 99.2373



17.0994, 17.0639, 21.7777



13.6857, 5.9979, 48.4100



1.3896, 0.6185, 4.4893

Inverse Universe

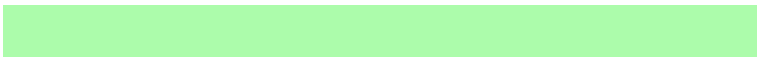
The Inverse Universe completely reimagines the original color for something new.



66.5930, 54.5767, 69.3137



64.1802, 49.3370, 64.4622



59.2529, 81.3727, 51.1138



17.6112, 17.3718, 19.8083



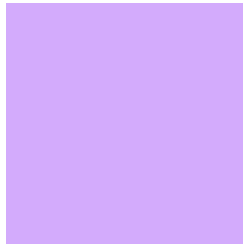
23.0010, 11.6161, 11.9795



2.1838, 1.0973, 1.3915

Previews

White Background



This preview shows how the XYZ color 58.9976, 50.0030, 98.6375 looks on a white background.

Color Contrast Check

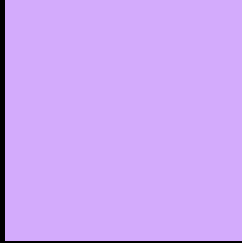
Large Text (above 18pt) WCAG AA × Fail

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 58.9976, 50.0030, 98.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

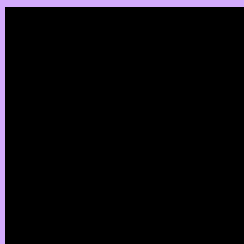
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9976, 50.0030, 98.6375

Background



This preview shows how black text looks on a background with the XYZ color 58.9976, 50.0030, 98.6375.



This preview shows how white text looks on a background with the XYZ color 58.9976, 50.0030,

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

58.9976, 50.0030, 98.6375

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.4611, 50.3081, 96.6207



Tritanopia

51.0489, 49.9980, 59.1846

Trichromacy



Original Color

58.9976, 50.0030, 98.6375

Protanomaly

53.7391, 49.8656, 100.5586

Deuteranomaly

53.8263, 49.9837, 97.2534

Tritanomaly

53.4919, 49.7778, 71.7545

Monochromacy



Original Color

58.9976, 50.0030, 98.6375

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.8313, 51.2781, 70.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9976, 50.0030, 98.6375 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, 171, 252)` looks like.

```
.text, #text, p{  
    color:rgb(211, 171, 252)  
}
```

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, 171, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 171, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.9976, 50.0030, 98.6375 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, 171, 252) }
```


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

```
.border{ border-color:rgb(211, 171, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 171, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 171, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 171, 252);  
box-shadow:4px 4px 4px 4px rgb(211, 171,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9976, 50.0030, 98.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 171, 252) }
```

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

```
.background{ background-color: rgb(211,  
171, 252) }
```

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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