

Converting Colors

XYZ(58.3557, 48.1240, 99.9748)

Have a look what the booklet for
XYZ(58.3557, 48.1240, 99.9748)
contains.

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Color

**XYZ(58.3896, 48.2771,
100.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A6FE
RGB	211, 166, 254
RGB Percent	83%, 65%, 100%
CMY	0.1725, 0.3490, 0.0039
CMYK	0.17, 0.35, 0.00, 0.00
HSL	271°, 98%, 82%
HSV	271°, 35%, 100%
XYZ	58.3896, 48.2771, 100.0069
YIQ	189.4870, -1.4280, 36.9080

Conversions

Conversions Part 2

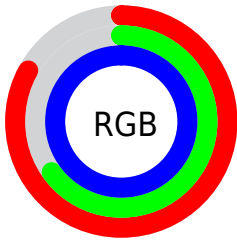
Format	Color
R _{YB}	211, 166, 254
Decimal	13870846
CIE _{Lab}	75.00, 32.81, -37.52
CIE _{LCh}	75, 49.837, 311.170
Yxy	48.2771, 0.2825, 0.2336
Android (android.graphics.Color)	4292060926 (0xFFD3A6FE)
YUV	189.4870, 31.8049, 18.8669
Hunter-Lab	69.4817, 28.4111, -36.7005

Details

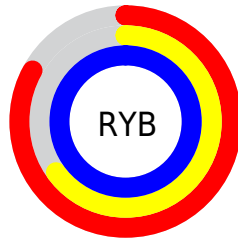
The XYZ color **58.3896, 48.2771, 100.0069** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.6207, 87.1933, 49.2918**, and the grayscale version is **48.4741, 50.9985, 55.5374**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **29.5007, 22.8100, 55.6712** is the 20% darker color. If you saturate the color by 10%, you get **50.8010, 38.1753, 98.4578**, and if you desaturate by 10%, it is **67.1678, 60.3479, 101.8749**.

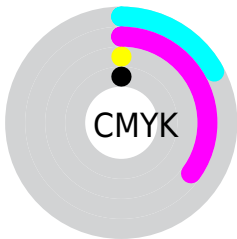
Distribution



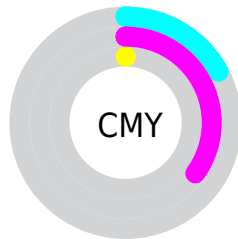
- Red (83%)
- Green (65%)
- Blue (100%)



- Red (83%)
- Yellow (65%)
- Blue (100%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3896, 48.2771, 100.0069 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 58.3896, 48.2771, 100.0069 by changing the saturation by 10% instead.


 58.3896, 48.2771,
100.0069


 58.3896, 48.2771,
100.0069


408.5666,
379.8894, 581.4617

 42.3664, 34.0464,
75.6894


 101.6097, 87.6168,
163.2186

 29.5807, 22.9292,
55.6727

 129.5373,
113.4946, 202.9499

 19.6670, 14.5413,
39.5383


162.1638,
144.0236, 248.6562

 12.2601, 8.4981,
26.8677

199.8545,
179.5881, 300.7560

 6.9945, 4.4153,
17.2424

242.9748,
220.5725, 359.6680

 3.5050, 1.9085,
10.2437

291.8900,

 1.4261, 0.5535,

267.3613, 425.8105

5.4531

346.9655,
320.3388, 499.6022

■ 0.2747, 0.0000,
2.4521

■ 0.0000, 0.0000,
0.8146

■ 58.3896, 48.2771,
100.0069

■ 58.3896, 48.2771,
100.0069

■ 50.8010, 38.1753,
98.4578

■ 67.1678, 60.3479,
101.8749

■ 44.3370, 29.9255,
97.2061

■ 77.1862, 74.4838,
104.0754

■ 38.9332, 23.4072,
96.2328

■ 88.4980, 90.7817,
106.6250

■ 34.5158, 18.4825,
95.5150

94.8895, 99.9358,
108.0551

■ 30.9997, 14.9915,
95.0265

■ 28.2816, 12.7384,
94.7349

■ 27.0781, 11.8927,
94.6351

Harmonies

Analogous

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



49.3582, 48.2771, 118.6126



58.3896, 48.2771, 100.0069



64.5108, 48.2771, 70.4474

Triad

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



58.3896, 48.2771, 100.0069



51.7659, 48.2771, 17.9804



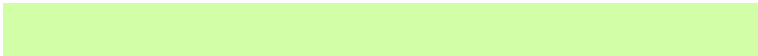
30.7769, 48.2771, 62.8784

Complementary

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



58.3896, 48.2771, 100.0069



68.6207, 87.1933, 49.2918

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.



31.2426, 48.2771, 37.9988



58.3896, 48.2771, 100.0069



42.5805, 48.2771, 17.1465

Square

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



58.3896, 48.2771, 100.0069



60.3514, 48.2771, 26.0054



35.3083, 48.2771, 23.1563



33.9389, 48.2771, 92.9158

Rectangle

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



58.3896, 48.2771, 100.0069



65.6881, 48.2771, 51.5495



35.3083, 48.2771, 23.1563



30.5265, 48.2771, 53.5948

Sweetspot

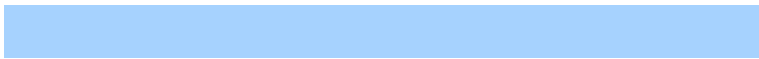
The Sweet Spot groups the original color and five complimentary colors.



58.3912, 48.2791, 100.0080



83.0114, 82.5086, 106.1583



56.6636, 61.3578, 102.6235



17.4287, 17.1727, 22.6460



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.



58.3912, 48.2791, 100.0080



53.1622, 41.0183, 99.7231



72.4000, 55.5008, 100.6636



17.8887, 17.8344, 22.7495



14.4468, 6.3581, 49.9004



1.5328, 0.6841, 4.8645

Inverse Universe

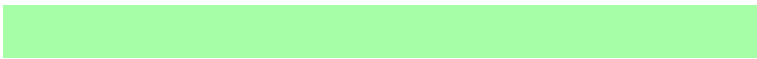
The Inverse Universe completely reimagines the original color for something new.



66.0194, 52.9486, 67.0639



62.2668, 46.5895, 60.4973



58.0522, 81.7450, 48.7972



18.3793, 18.1350, 20.6145



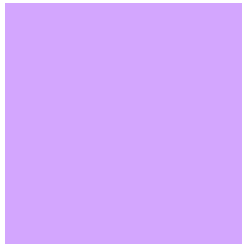
23.5446, 11.9072, 11.5185



2.3474, 1.1814, 1.4111

Previews

White Background



This preview shows how the XYZ color 58.3896, 48.2771, 100.0069 looks on a white background.

Color Contrast Check

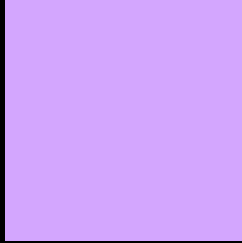
Large Text (above 18pt) WCAG AA × Fail

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 58.3896, 48.2771, 100.0069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

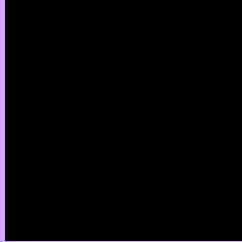
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3896, 48.2771, 100.0069

Background



This preview shows how black text looks on a background with the XYZ color 58.3896, 48.2771, 100.0069.



This preview shows how white text looks on a background with the XYZ color 58.3896, 48.2771,

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

58.3896, 48.2771, 100.0069

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.6576, 48.4203, 97.9956



Tritanopia

49.5222, 48.0641, 56.5364

Trichromacy



Original Color

58.3896, 48.2771, 100.0069



Protanomaly

52.3977, 47.9740, 101.1060



Deuteranomaly

52.3874, 48.0240, 98.6039

Tritanomaly

52.5786, 48.1575, 70.8141

Monochromacy



Original Color

58.3896, 48.2771, 100.0069



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.5601, 49.7222, 69.8306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3896, 48.2771, 100.0069 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, 166, 254)` looks like.

```
.text, #text, p{  
    color:rgb(211, 166, 254)  
}
```

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, 166, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 166, 254) }
```

Border

The CSS property to change the border of an element to XYZ 58.3896, 48.2771, 100.0069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

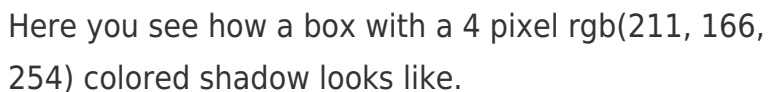
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 166, 254) }
```


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

```
.border{ border-color:rgb(211, 166, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 166, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 166, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 166, 254); box-shadow:4px 4px 4px 4px rgb(211, 166, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3896, 48.2771, 100.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 166, 254) }
```

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

```
.background{ background-color: rgb(211,  
166, 254) }
```

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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