

Converting Colors

XYZ(52.2371, 41.2854, 88.4348)

Have a look what the booklet for
XYZ(52.2371, 41.2854, 88.4348)
contains.

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Color

**XYZ(52.2371, 41.2854,
88.4348)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CE96F1 |
| RGB | 206, 150, 241 |
| RGB Percent | 81%, 59%, 95% |
| CMY | 0.1921, 0.4117, 0.0549 |
| CMYK | 0.15, 0.38, 0.00, 0.05 |
| HSL | 277°, 76%, 77% |
| HSV | 277°, 38%, 95% |
| XYZ | 52.2371, 41.2854, 88.4348 |
| YIQ | 177.1180, 4.1650, 40.1730 |

Conversions

Conversions Part 2

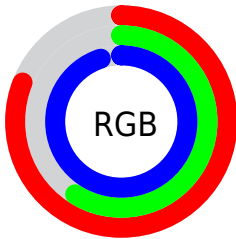
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 206, 150, 241 |
| Decimal | 13539057 |
| CIE Lab | 70.38, 37.25, -37.68 |
| CIE LCh | 70, 52.985, 314.673 |
| Yxy | 41.2854, 0.2871, 0.2269 |
| Android (android.graphics.Color) | 4291729137 (0xFFCE96F1) |
| YUV | 177.1180, 31.4938, 25.3295 |
| Hunter-Lab | 64.2537, 32.6732, -36.6255 |

Details

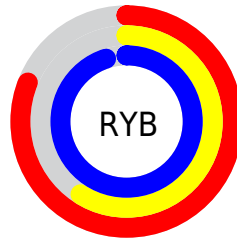
The XYZ color **52.2371, 41.2854, 88.4348** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **56.9693, 75.4279, 40.4124**, and the grayscale version is **41.6914, 43.8626, 47.7664**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **25.7023, 18.7222, 48.1580** is the 20% darker color. If you saturate the color by 10%, you get **46.2820, 33.0824, 87.1660**, and if you desaturate by 10%, it is **59.1376, 51.1516, 89.9761**.

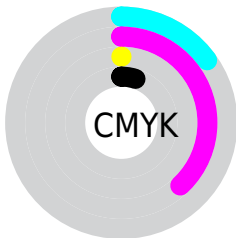
Distribution



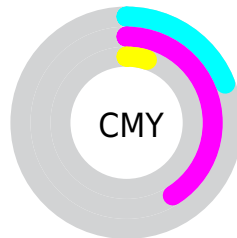
- Red (81%)
- Green (59%)
- Blue (95%)



- Red (81%)
- Yellow (59%)
- Blue (95%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (5%)




- Cyan (19%)
- Magenta (41%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2371, 41.2854, 88.4348 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 52.2371, 41.2854, 88.4348 by changing the saturation by 10% instead.

 52.2371, 41.2854,
88.4348


 52.2371, 41.2854,
88.4348


385.6602,
351.5120, 543.3642

 37.4191, 28.5422,
66.1168

 92.6530, 77.1170,
147.0788

 25.7073, 18.7347,
47.9102

 118.9816,
100.9741, 184.2419

 16.7364, 11.4788,
33.3963


149.8778,
129.3046, 227.1905

 10.1408, 6.3898,
22.1566

185.7070,
162.4929, 276.3431

 5.5554, 3.0835,
13.7726

226.8344,
200.9234, 332.1182

 2.6148, 1.1755,
7.8257

273.6256,

 0.9535, 0.0416,

244.9805, 394.9344

3.8975

326.4457,
295.0486, 465.2102

■ 0.0000, 0.0000,
1.5693

■ 0.0000, 0.0000,
0.2687

■ 52.2371, 41.2854,
88.4348

■ 52.2371, 41.2854,
88.4348

■ 46.2820, 33.0824,
87.1660

■ 59.1376, 51.1516,
89.9761

■ 41.2166, 26.4386,
86.1506

■ 67.0265, 62.7665,
91.8022

■ 36.9854, 21.2457,
85.3713

■ 75.9489, 76.2157,
93.9279

■ 33.5242, 17.3793,
84.8074

■ 85.9458, 91.5777,
96.3662

■ 30.7576, 14.6927,
84.4346

■ 91.9086, 98.6315,
97.4135

■ 28.5848, 12.9890,
84.2203

■ 92.8773, 99.1309,
97.4588

■ 28.1458, 12.6756,
84.1830

Harmonies

Analogous

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



43.6390, 41.2854, 109.1777



52.2371, 41.2854, 88.4348



57.7174, 41.2854, 58.8658

Triad

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



52.2371, 41.2854, 88.4348



43.8377, 41.2854, 12.7405



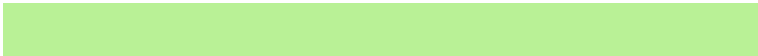
25.1622, 41.2854, 58.2345

Complementary

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



52.2371, 41.2854, 88.4348



56.9693, 75.4279, 40.4124

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.



25.1991, 41.2854, 33.4253



52.2371, 41.2854, 88.4348



35.1480, 41.2854, 12.6794

Square

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



52.2371, 41.2854, 88.4348



52.4010, 41.2854, 18.9539



28.6010, 41.2854, 18.7368



28.4916, 41.2854, 87.8278

Rectangle

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



52.2371, 41.2854, 88.4348



58.4189, 41.2854, 41.1562



28.6010, 41.2854, 18.7368



24.7991, 41.2854, 48.9760

Sweetspot

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



52.2385, 41.2871, 88.4357



82.8871, 81.4018, 105.9512



46.0997, 48.1232, 90.0788



17.4424, 16.9719, 22.6065



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.



52.2385, 41.2871, 88.4357



54.2900, 39.8783, 99.4436



61.7344, 46.3356, 81.9603



15.8313, 15.7103, 19.9196



15.4179, 6.9536, 45.6574



1.3933, 0.6355, 3.8035

Inverse Universe

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



55.9403, 44.0179, 51.4486



59.3468, 43.5662, 50.8404



50.3011, 71.9024, 44.0756



16.0244, 15.8595, 17.6848



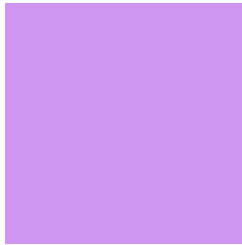
20.7965, 10.5910, 6.8450



1.7773, 0.8999, 0.8179

Previews

White Background



This preview shows how the XYZ color 52.2371, 41.2854, 88.4348 looks on a white background.

Color Contrast Check

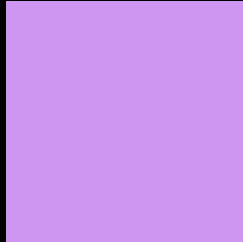
Large Text (above 18pt) WCAG AA × Fail

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 52.2371, 41.2854, 88.4348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

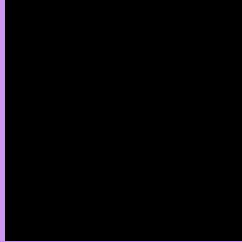
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2371, 41.2854, 88.4348

Background



This preview shows how black text looks on a background with the XYZ color 52.2371, 41.2854, 88.4348.



This preview shows how white text looks on a background with the XYZ color 52.2371, 41.2854,

88.4348.

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

52.2371, 41.2854, 88.4348

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.6097, 41.5393, 85.8929



Tritanopia

43.8769, 41.4213, 46.7568

Trichromacy



Original Color

52.2371, 41.2854, 88.4348



Protanomaly

46.0784, 41.2035, 95.9670



Deuteranomaly

45.5431, 41.1381, 86.4290



Tritanomaly

46.6429, 41.2458, 60.1465

Monochromacy



Original Color

52.2371, 41.2854, 88.4348



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.9831, 42.4989, 60.4758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2371, 41.2854, 88.4348 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(206, 150, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 241)  
}
```

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(206, 150, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 241) }
```

Border

The CSS property to change the border of an element to XYZ 52.2371, 41.2854, 88.4348 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(206, 150, 241) }
```


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

```
.border{ border-color:rgb(206, 150, 241) }
```

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

Here you see how a box with a 4 pixel rgb(206, 150, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 241);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2371, 41.2854, 88.4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 241) }
```

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

```
.background{ background-color: rgb(206,  
150, 241) }
```

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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