

Converting Colors

XYZ(54.5428, 42.9890, 89.3437)

Have a look what the booklet for
XYZ(54.5428, 42.9890, 89.3437)
contains.

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Color

**XYZ(54.4066, 42.8643,
89.4105)**

Conversions

Conversions Part 1

Format	Color
Hex	D498F2
RGB	212, 152, 242
RGB Percent	83%, 60%, 95%
CMY	0.1686, 0.4039, 0.0510
CMYK	0.12, 0.37, 0.00, 0.05
HSL	280°, 78%, 77%
HSV	280°, 37%, 95%
XYZ	54.4066, 42.8643, 89.4105
YIQ	180.2000, 6.8700, 40.7100

Conversions

Conversions Part 2

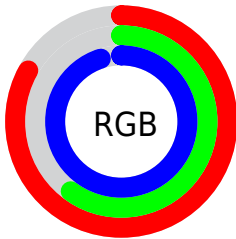
Format	Color
RYB	212, 152, 242
Decimal	13932786
CIELab	71.46, 38.16, -36.49
CIELCh	71, 52.796, 316.281
Yxy	42.8643, 0.2914, 0.2296
Android (android.graphics.Color)	4292122866 (0xFFD498F2)
YUV	180.2000, 30.4674, 27.8886
Hunter-Lab	65.4708, 33.7605, -35.1400

Details

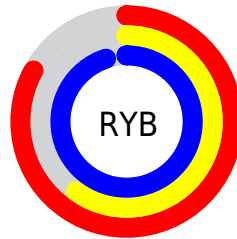
The XYZ color **54.4066, 42.8643, 89.4105** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **56.7124, 75.7174, 41.3335**, and the grayscale version is **43.3300, 45.5865, 49.6437**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **27.1304, 19.7274, 48.8322** is the 20% darker color. If you saturate the color by 10%, you get **48.6049, 34.6264, 88.1269**, and if you desaturate by 10%, it is **61.1286, 52.7681, 90.9685**.

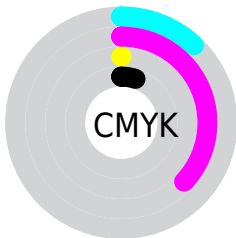
Distribution



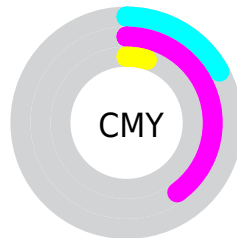
- Red (83%)
- Green (60%)
- Blue (95%)



- Red (83%)
- Yellow (60%)
- Blue (95%)



- Cyan (12%)
- Magenta (37%)
- Yellow (0%)
- Black (5%)





- Cyan (17%)
- Magenta (40%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4066, 42.8643, 89.4105 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 54.4066, 42.8643, 89.4105 by changing the saturation by 10% instead.

 54.4066, 42.8643,
89.4105


 54.4066, 42.8643,
89.4105


393.8317,
358.0534, 546.6319

 39.1588, 29.7787,
66.9209


 95.8244, 79.5060,
148.4476

 27.0646, 19.6706,
48.5591


 122.7251,
103.8309, 185.8322

 17.7586, 12.1559,
33.9067


154.2408,
132.6710, 229.0189

 10.8754, 6.8499,
22.5452

190.7368,
166.4107, 278.4261

 6.0498, 3.3684,
14.0559

232.5786,
205.4344, 334.4725

 2.9163, 1.3270,
8.0204

280.1314,

 1.1097, 0.1619,

250.1265, 397.5766

4.0200

333.7607,
300.8714, 468.1568

■ 0.0332, 0.0000,
1.6363

■ 0.0000, 0.0000,
0.3165

■ 54.4066, 42.8643,
89.4105

■ 54.4066, 42.8643,
89.4105

■ 48.6049, 34.6264,
88.1269

■ 61.1286, 52.7681,
90.9685

■ 43.6685, 27.9501,
87.0984

■ 68.8131, 64.4232,
92.8132

■ 39.5427, 22.7275,
86.3078

■ 77.5048, 77.9152,
94.9593

■ 36.1639, 18.8342,
85.7344

■ 87.2440, 93.3227,
97.4199

■ 33.4579, 16.1243,
85.3539

■ 92.0536, 98.6890,
98.2022

■ 31.3288, 14.4088,
85.1350

■ 93.0271, 99.1909,
98.2478

■ 30.7925, 14.0227,
85.0888

Harmonies

Analogous

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



45.7308, 42.8643, 111.3128



54.4066, 42.8643, 89.4105



59.7346, 42.8643, 59.2897

Triad

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



54.4066, 42.8643, 89.4105



44.9369, 42.8643, 13.4105



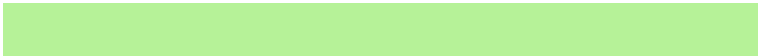
26.4206, 42.8643, 61.8082

Complementary

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



54.4066, 42.8643, 89.4105



56.7124, 75.7174, 41.3335

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.



26.2725, 42.8643, 35.9848



54.4066, 42.8643, 89.4105



36.1285, 42.8643, 13.6590

Square

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



54.4066, 42.8643, 89.4105



53.7529, 42.8643, 19.4513



29.5801, 42.8643, 20.3290



30.0195, 42.8643, 91.8228

Rectangle

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



54.4066, 42.8643, 89.4105



60.2336, 42.8643, 41.5115



29.5801, 42.8643, 20.3290



25.9857, 42.8643, 52.2433

Sweetspot

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



54.4081, 42.8661, 89.4114



83.3888, 81.6604, 105.9747



45.7054, 46.5439, 90.5800



17.5622, 17.0336, 22.6121



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.



54.4081, 42.8661, 89.4114



56.0057, 40.7628, 99.5239



61.7125, 46.8814, 78.4705



15.9126, 15.7522, 19.9234



16.6927, 7.6108, 45.7171



1.4936, 0.6873, 3.8081

Inverse Universe

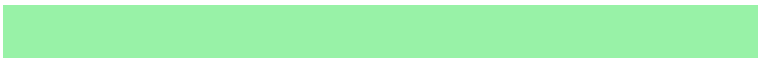
The Inverse Universe completely reimagines the original color for something new.



56.2910, 44.7128, 49.9212



58.7408, 43.3238, 47.6495



51.6775, 72.9708, 47.9221



15.9901, 15.8458, 17.5042



20.5192, 10.4801, 5.3845



1.7515, 0.8896, 0.6821

Previews

White Background



This preview shows how the XYZ color 54.4066, 42.8643, 89.4105 looks on a white background.

Color Contrast Check

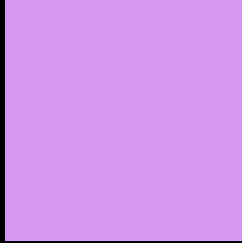
Large Text (above 18pt) WCAG AA × Fail

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 54.4066, 42.8643, 89.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

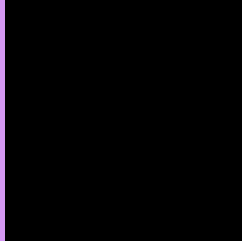
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4066, 42.8643, 89.4105

Background



This preview shows how black text looks on a background with the XYZ color 54.4066, 42.8643, 89.4105.



This preview shows how white text looks on a background with the XYZ color 54.4066, 42.8643,

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

54.4066, 42.8643, 89.4105

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.2808, 43.2283, 86.8990



Tritanopia

45.8481, 42.6812, 47.9413

Trichromacy



Original Color

54.4066, 42.8643, 89.4105



Protanomaly

47.5050, 42.4703, 96.1363



Deuteranomaly

47.1666, 42.4894, 87.3767



Tritanomaly

48.5670, 42.4805, 60.8981

Monochromacy



Original Color

54.4066, 42.8643, 89.4105



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.8924, 44.2677, 62.5729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4066, 42.8643, 89.4105 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(212, 152, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 152, 242)  
}
```

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(212, 152, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 152, 242) }
```

Border

The CSS property to change the border of an element to XYZ 54.4066, 42.8643, 89.4105 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(212, 152, 242) }
```


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

```
.border{ border-color:rgb(212, 152, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 152, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 152, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 152, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 152,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4066, 42.8643, 89.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 152, 242) }
```

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

```
.background{ background-color: rgb(212,  
152, 242) }
```

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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