

Converting Colors

XYZ(55.0010, 38.1442, 91.3244)

Have a look what the booklet for
XYZ(55.0010, 38.1442, 91.3244)
contains.

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Color

**XYZ(54.9162, 38.0423,
91.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	DF81F6
RGB	223, 129, 246
RGB Percent	87%, 51%, 96%
CMY	0.1255, 0.4941, 0.0353
CMYK	0.09, 0.48, 0.00, 0.04
HSL	288°, 87%, 74%
HSV	288°, 48%, 96%
XYZ	54.9162, 38.0423, 91.6373
YIQ	170.4440, 18.4670, 56.3150

Conversions

Conversions Part 2

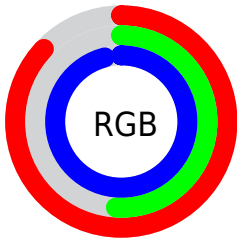
Format	Color
R _{YB}	223, 129, 246
Decimal	14647798
CIE _{Lab}	68.05, 54.15, -43.91
CIE _{LCh}	68, 69.719, 320.962
Y _{xy}	38.0423, 0.2975, 0.2061
Android (android.graphics.Color)	4292837878 (0xFFDF81F6)
Y _{UV}	170.4440, 37.2491, 46.0916
Hunter-Lab	61.6784, 50.9925, -44.9138

Details

The XYZ color **54.9162, 38.0423, 91.6373** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.8683, 74.1729, 32.4590**, and the grayscale version is **38.2446, 40.2363, 43.8173**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **27.4273, 16.8133, 49.9438** is the 20% darker color. If you saturate the color by 10%, you get **50.5890, 31.5672, 90.6161**, and if you desaturate by 10%, it is **60.0686, 46.1023, 92.9221**.

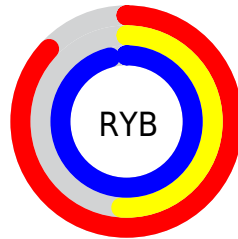
Distribution



Red (87%)

Green (51%)

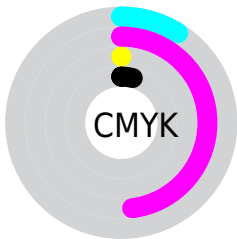
Blue (96%)



Red (87%)

Yellow (51%)

Blue (96%)

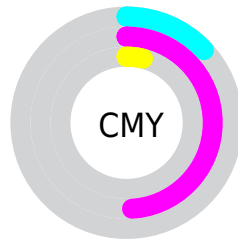


Cyan (9%)

Magenta (48%)

Yellow (0%)

Black (4%)



Cyan (13%)


Magenta (49%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9162, 38.0423, 91.6373 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 54.9162, 38.0423, 91.6373 by changing the saturation by 10% instead.


 54.9162, 38.0423,
91.6373

 54.9162, 38.0423,
91.6373


395.7358,
337.8014, 554.0496


 39.5682, 26.0155,
68.7581

 96.5672, 72.1730,
151.5659

 27.3848, 16.8353,
50.0442


 123.6009, 95.0456,
189.4524

 18.0005, 10.1171,
35.0771


 155.2606,
122.3024, 233.1784

 11.0500, 5.4767,
23.4382

191.9116,
154.3277, 283.1624

 6.1680, 2.5296,
14.7091

233.9193,
191.5058, 339.8230

 2.9892, 0.8914,
8.4711

281.6489,

 1.1480, 0.0000,

234.2212, 403.5787

4.3058

335.4660,
282.8583, 474.8480

■ 0.0647, 0.0000,
1.7946

■ 0.0000, 0.0000,
0.4244

■ 54.9162, 38.0423,
91.6373

■ 54.9162, 38.0423,
91.6373

■ 50.5890, 31.5672,
90.6161

■ 60.0686, 46.1023,
92.9221

■ 47.0255, 26.5582,
89.8371


■ 66.0937, 55.8450,
94.4850


■ 44.1622, 22.8874,
89.2795


■ 73.0400, 67.3660,
96.3427

■ 41.9227, 20.4025,
88.9179

■ 80.9513, 80.7523,
98.5096

 40.2060, 18.9021,
88.7188

 89.8684, 96.0850,
100.9991

 39.8292, 18.6111,
88.6825

 92.5457, 98.8725,
101.3960

 93.6347, 99.4339,
101.4470

Harmonies

Analogous

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



44.1518, 38.0423, 126.0847



54.9162, 38.0423, 91.6373



60.9396, 38.0423, 51.5407

Triad

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



54.9162, 38.0423, 91.6373



39.5374, 38.0423, 5.9896



19.9581, 38.0423, 66.7010

Complementary

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



54.9162, 38.0423, 91.6373



49.8683, 74.1729, 32.4590

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.



19.2124, 38.0423, 32.7220



54.9162, 38.0423, 91.6373



29.1926, 38.0423, 6.9195

Square

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



54.9162, 38.0423, 91.6373



50.9636, 38.0423, 10.1769



22.2470, 38.0423, 14.0250



24.5396, 38.0423, 107.3702

Rectangle

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



54.9162, 38.0423, 91.6373



60.7674, 38.0423, 31.0617



22.2470, 38.0423, 14.0250



19.2923, 38.0423, 53.8614

Sweetspot

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



54.9176, 38.0439, 91.6381



82.1649, 77.9929, 105.3313



36.9826, 33.9092, 91.7853



17.2021, 16.0460, 22.4405



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.



54.9176, 38.0439, 91.6381



55.0865, 34.5344, 98.3702



57.6028, 39.9930, 66.2470



16.8758, 16.5941, 20.8561



21.3752, 9.9936, 47.3404



1.9582, 0.9194, 4.1645

Inverse Universe

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



51.5250, 37.5619, 34.2418



51.3818, 34.1779, 28.0182



48.7202, 73.2636, 46.7445



16.6323, 16.5358, 17.8101



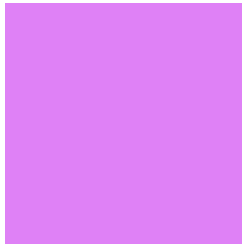
20.6137, 10.5889, 2.6744



1.8465, 0.9446, 0.4179

Previews

White Background



This preview shows how the XYZ color 54.9162, 38.0423, 91.6373 looks on a white background.

Color Contrast Check

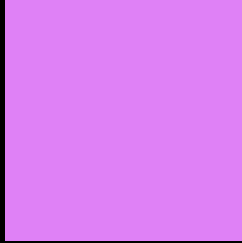
Large Text (above 18pt) WCAG AA × Fail

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 54.9162, 38.0423, 91.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

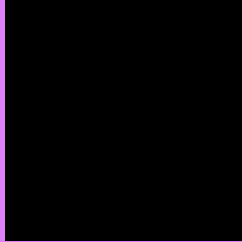
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9162, 38.0423, 91.6373

Background



This preview shows how black text looks on a background with the XYZ color 54.9162, 38.0423, 91.6373.



This preview shows how white text looks on a background with the XYZ color 54.9162, 38.0423,

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

54.9162, 38.0423, 91.6373

Protanopia

40.6629, 38.3199, 99.8611

Deuteranopia

39.3516, 38.4606, 87.0109



Tritanopia

43.9566, 37.8818, 38.2529

Trichromacy



Original Color

54.9162, 38.0423, 91.6373



Protanomaly

44.1543, 37.1608, 96.9410



Deuteranomaly

43.4037, 37.1921, 88.8956



Tritanomaly

47.1013, 37.5547, 54.0565

Monochromacy



Original Color

54.9162, 38.0423, 91.6373



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.9007, 38.3387, 58.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9162, 38.0423, 91.6373 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(223, 129, 246)` looks like.

```
.text, #text, p{  
    color:rgb(223, 129, 246)  
}
```

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(223, 129, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 129, 246) }
```

Border

The CSS property to change the border of an element to XYZ 54.9162, 38.0423, 91.6373 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(223, 129, 246) }
```


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

```
.border{ border-color:rgb(223, 129, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 129, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 129, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 129, 246);  
box-shadow:4px 4px 4px 4px rgb(223, 129,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9162, 38.0423, 91.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 129, 246) }
```

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

```
.background{ background-color: rgb(223,  
129, 246) }
```

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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