

Converting Colors

XYZ(53.7385, 39.6167, 80.2641)

Have a look what the booklet for
XYZ(53.7385, 39.6167, 80.2641)
contains.

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Color

**XYZ(53.6365, 39.4761,
80.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8AE7
RGB	222, 138, 231
RGB Percent	87%, 54%, 91%
CMY	0.1294, 0.4588, 0.0941
CMYK	0.04, 0.40, 0.00, 0.09
HSL	294°, 66%, 72%
HSV	294°, 40%, 91%
XYZ	53.6365, 39.4761, 80.3940
YIQ	173.7180, 20.2110, 46.7310

Conversions

Conversions Part 2

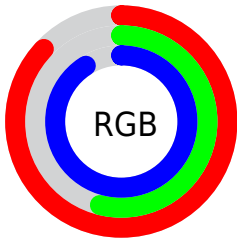
Format	Color
R _Y B	222, 138, 231
Decimal	14584551
CIE Lab	69.09, 46.40, -34.05
CIE LCh	69, 57.551, 323.724
Yxy	39.4761, 0.3091, 0.2275
Android (android.graphics.Color)	4292774631 (0xFFDE8AE7)
YUV	173.7180, 28.2400, 42.3433
Hunter-Lab	62.8300, 42.4287, -31.8834

Details

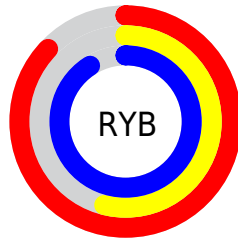
The XYZ color **53.6365, 39.4761, 80.3940** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **45.1973, 65.1908, 34.2476**, and the grayscale version is **39.9413, 42.0214, 45.7613**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **26.5034, 17.5915, 42.5561** is the 20% darker color. If you saturate the color by 10%, you get **49.9883, 33.1886, 79.3732**, and if you desaturate by 10%, it is **58.0012, 47.1812, 81.6518**.

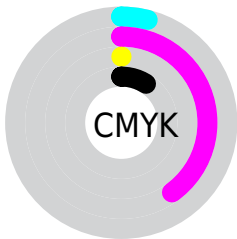
Distribution



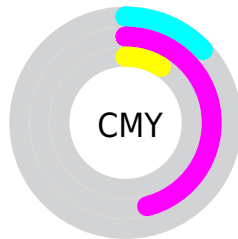
- Red (87%)
- Green (54%)
- Blue (91%)



- Red (87%)
- Yellow (54%)
- Blue (91%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)





- Cyan (13%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6365, 39.4761, 80.3940 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 53.6365, 39.4761, 80.3940 by changing the saturation by 10% instead.


 53.6365, 39.4761,
80.3940

 53.6365, 39.4761,
80.3940


390.9434,
343.9104, 516.0014


 38.5406, 27.1303,
59.5146


 94.7003, 74.3651,
135.7359

 26.5817, 17.6711,
42.6047


 121.3990, 97.6770,
171.0355

 17.3943, 10.7141,
29.2460

 152.6960,
125.4132, 211.9789

 10.6130, 5.8749,
19.0198

188.9567,
157.9579, 258.9845

 5.8726, 2.7692,
11.5076

230.5465,
195.6956, 312.4711

 2.8077, 1.0125,
6.2909

277.8306,

 1.0529, 0.0000,

239.0107, 372.8571

2.9511

331.1744,
288.2875, 440.5610

■ 0.0000, 0.0000,
1.0697

■ 0.0000, 0.0000,
0.0000

■ 53.6365, 39.4761,
80.3940

■ 53.6365, 39.4761,
80.3940

■ 49.9883, 33.1886,
79.3732

■ 58.0012, 47.1812,
81.6518

■ 47.0075, 28.2233,
78.5720


■ 63.1194, 56.3811,
83.1578


■ 44.6451, 24.4814,
77.9742


■ 69.0307, 67.1532,
84.9254


■ 42.8436, 21.8480,
77.5609


■ 75.7703, 79.5685,
86.9666


 41.5344, 20.1859,
77.3090


 83.3715, 93.6934,
89.2924

 40.6187, 19.2735,
77.1812

 84.5817, 95.0223,
89.4851

 85.3262, 95.4061,
89.5199

 86.0799, 95.7946,
89.5552

 86.8431, 96.1881,
89.5909

Harmonies

Analogous

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



45.0849, 39.4761, 107.9106



53.6365, 39.4761, 80.3940



57.9573, 39.4761, 48.7524

Triad

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



53.6365, 39.4761, 80.3940



39.4848, 39.4761, 9.7603



23.5631, 39.4761, 66.7147

Complementary

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



53.6365, 39.4761, 80.3940



45.1973, 65.1908, 34.2476

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.



22.5607, 39.4761, 37.6873



53.6365, 39.4761, 80.3940



30.8540, 39.4761, 11.3144

Square

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



53.6365, 39.4761, 80.3940



48.9710, 39.4761, 13.7407



25.0074, 39.4761, 19.4635



28.0110, 39.4761, 98.0160

Rectangle

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



53.6365, 39.4761, 80.3940



57.4265, 39.4761, 32.0643



25.0074, 39.4761, 19.4635



22.8457, 39.4761, 56.1350

Sweetspot

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



53.6378, 39.4778, 80.3948



84.9723, 81.4493, 105.8505



35.3871, 32.1356, 79.9396



17.9724, 17.0402, 22.5918



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.



53.6378, 39.4778, 80.3948



63.3987, 42.9681, 99.5599



51.7599, 39.0536, 55.7328



14.8504, 14.5406, 18.1683



22.8299, 10.8351, 43.2713



1.7272, 0.8214, 3.1995

Inverse Universe

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



47.3112, 37.2742, 32.3065



54.6410, 39.9530, 31.3958



46.8160, 65.6591, 50.8682



14.4334, 14.3905, 15.2165



18.5784, 9.5656, 1.4087



1.3923, 0.7146, 0.2063

Previews

White Background



This preview shows how the XYZ color 53.6365, 39.4761, 80.3940 looks on a white background.

Color Contrast Check

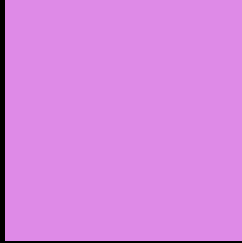
Large Text (above 18pt) WCAG AA × Fail

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 53.6365, 39.4761, 80.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

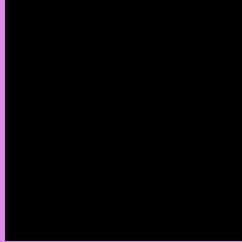
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6365, 39.4761, 80.3940

Background



This preview shows how black text looks on a background with the XYZ color 53.6365, 39.4761, 80.3940.

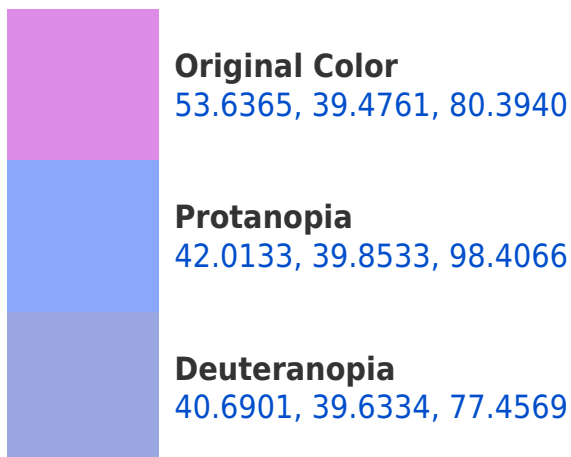


This preview shows how white text looks on a background with the XYZ color 53.6365, 39.4761,

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





Tritanopia

45.3696, 39.2829, 40.3131

Trichromacy



Original Color

53.6365, 39.4761, 80.3940



Protanomaly

44.7321, 38.8045, 91.5186



Deuteranomaly

44.4825, 38.9621, 78.5747



Tritanomaly

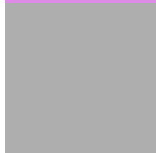
47.8297, 39.0972, 52.6026

Monochromacy



Original Color

53.6365, 39.4761, 80.3940



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.0811, 40.5062, 57.1249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6365, 39.4761, 80.3940 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(222, 138, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 138, 231)  
}
```

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(222, 138, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 138, 231) }
```

Border

The CSS property to change the border of an element to XYZ 53.6365, 39.4761, 80.3940 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(222, 138, 231) }
```


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

```
.border{ border-color:rgb(222, 138, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 138, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 138, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 138, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 138,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6365, 39.4761, 80.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 138, 231) }
```

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

```
.background{ background-color: rgb(222,  
138, 231) }
```

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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