

Converting Colors

XYZ(54.8418, 39.3096, 78.0958)

Have a look what the booklet for
XYZ(54.8418, 39.3096, 78.0958)
contains.

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Color

**XYZ(54.8418, 39.3096,
78.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	E586E4
RGB	229, 134, 228
RGB Percent	90%, 53%, 89%
CMY	0.1020, 0.4745, 0.1059
CMYK	0.00, 0.41, 0.00, 0.10
HSL	301°, 65%, 71%
HSV	301°, 41%, 90%
XYZ	54.8418, 39.3096, 78.0958
YIQ	173.1210, 26.4460, 49.3740

Conversions

Conversions Part 2

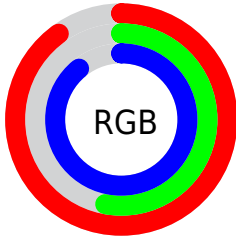
Format	Color
R _Y B	229, 134, 228
Decimal	15042276
CIE _{Lab}	68.97, 49.99, -32.52
CIE _{LCh}	69, 59.632, 326.953
Y _{xy}	39.3096, 0.3184, 0.2282
Android (android.graphics.Color)	4293232356 (0xFFE586E4)
Y _{UV}	173.1210, 27.0553, 49.0059
Hunter-Lab	62.6974, 46.4147, -29.9634

Details

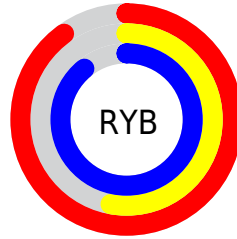
The XYZ color **54.8418, 39.3096, 78.0958** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **42.2257, 62.8577, 32.8311**, and the grayscale version is **39.6403, 41.7047, 45.4164**.

A 20% lighter version of the original color is **77.4876, 64.8752, 103.0459**, and **27.4021, 17.6341, 40.9892** is the 20% darker color. If you saturate the color by 10%, you get **51.9797, 33.6381, 76.9770**, and if you desaturate by 10%, it is **58.3918, 46.3550, 79.4449**.

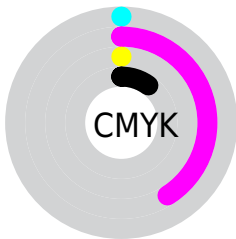
Distribution



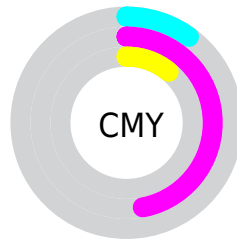
- Red (90%)
- Green (53%)
- Blue (89%)



- Red (90%)
- Yellow (53%)
- Blue (89%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (10%)




- Cyan (10%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8418, 39.3096, 78.0958 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 54.8418, 39.3096, 78.0958 by changing the saturation by 10% instead.


 54.8418, 39.3096,
78.0958

 54.8418, 39.3096,
78.0958


395.4581,
343.2050, 508.0287


 39.5084, 27.0007,
57.6358

 96.4588, 74.1110,
132.4723

 27.3380, 17.5737,
41.1031


 123.4731, 97.3723,
167.2258

 17.9651, 10.6444,
28.0794

 155.1118,
125.0532, 207.5808

 11.0245, 5.8282,
18.1459

191.7402,
157.5380, 253.9560

 6.1507, 2.7409,
10.8843

233.7237,
195.2112, 306.7698

 2.9785, 0.9980,
5.8759

281.4276,

 1.1424, 0.0000,

238.4572, 366.4409

2.7022

335.2173,
287.6603, 433.3876

■ 0.0601, 0.0000,
0.9445

■ 0.0000, 0.0000,
0.0000

■ 54.8418, 39.3096,
78.0958

■ 54.8418, 39.3096,
78.0958

■ 51.9797, 33.6381,
76.9770

■ 58.3918, 46.3550,
79.4449

■ 49.7570, 29.2461,
76.0712

■ 62.6664, 54.8506,
81.0354

■ 48.1248, 26.0353,
75.3624

■ 67.7045, 64.8730,
82.8806

■ 47.0260, 23.8911,
74.8317

■ 73.5410, 76.4920,
84.9922

46.3919, 22.6760,
74.4561

80.2086, 89.7733,
87.3810

46.1221, 22.1817,
74.2264

82.2792, 93.8605,
88.2378

82.3130, 93.8740,
88.4158

82.3469, 93.8876,
88.5941

82.3808, 93.9011,
88.7726

Harmonies

Analogous

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



46.2596, 39.3096, 108.3339



54.8418, 39.3096, 78.0958



58.7089, 39.3096, 45.6398

Triad

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



54.8418, 39.3096, 78.0958



38.3409, 39.3096, 8.9503



23.3425, 39.3096, 71.1298

Complementary

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



54.8418, 39.3096, 78.0958



42.2257, 62.8577, 32.8311

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.



21.9416, 39.3096, 40.0833



54.8418, 39.3096, 78.0958



29.6864, 39.3096, 11.0730

Square

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



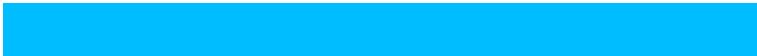
54.8418, 39.3096, 78.0958



48.2238, 39.3096, 12.2396



24.0585, 39.3096, 20.1589



28.2685, 39.3096, 103.2563

Rectangle

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



54.8418, 39.3096, 78.0958



57.6780, 39.3096, 29.2990



24.0585, 39.3096, 20.1589



22.4841, 39.3096, 59.9213

Sweetspot

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



54.8431, 39.3113, 78.0966



86.0014, 81.9858, 105.6279



32.5012, 27.7776, 77.7786



18.2164, 17.1674, 22.5390



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.



54.8431, 39.3113, 78.0966



66.7285, 43.7020, 98.3962



49.2317, 37.0668, 48.5471



14.9882, 14.6125, 18.1385



26.3729, 12.6834, 42.4544



1.9510, 0.9381, 3.1485

Inverse Universe

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



54.8431, 39.3113, 78.0966



66.7285, 43.7020, 98.3962



46.2443, 64.4652, 53.9930



14.9882, 14.6125, 18.1385



26.3729, 12.6834, 42.4544



1.9510, 0.9381, 3.1485

Previews

White Background



This preview shows how the XYZ color 54.8418, 39.3096, 78.0958 looks on a white background.

Color Contrast Check

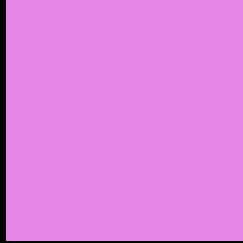
Large Text (above 18pt) WCAG AA × Fail

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 54.8418, 39.3096, 78.0958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

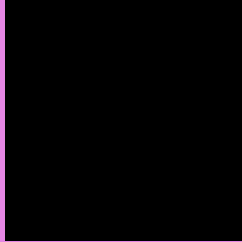
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8418, 39.3096, 78.0958

Background



This preview shows how black text looks on a background with the XYZ color 54.8418, 39.3096, 78.0958.



This preview shows how white text looks on a background with the XYZ color 54.8418, 39.3096,

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

54.8418, 39.3096, 78.0958

Protanopia

42.0133, 39.8533, 98.4066

Deuteranopia

40.5313, 39.6143, 74.6173



Tritanopia

46.6078, 39.2486, 38.3769

Trichromacy



Original Color

54.8418, 39.3096, 78.0958



Protanomaly

44.8980, 38.4135, 90.6361



Deuteranomaly

44.5386, 38.5603, 75.6165



Tritanomaly

49.1616, 39.1373, 50.8621

Monochromacy



Original Color

54.8418, 39.3096, 78.0958



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.0161, 39.9840, 55.8499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8418, 39.3096, 78.0958 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(229, 134, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 134, 228)  
}
```

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(229, 134, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 134, 228) }
```

Border

The CSS property to change the border of an element to XYZ 54.8418, 39.3096, 78.0958 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(229, 134, 228) }
```


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

```
.border{ border-color:rgb(229, 134, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 134, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 134, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 134, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 134,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8418, 39.3096, 78.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 134, 228) }
```

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

```
.background{ background-color: rgb(229,  
134, 228) }
```

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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