

Converting Colors

XYZ(54.6059, 41.2781, 77.6204)

Have a look what the booklet for
XYZ(54.6059, 41.2781, 77.6204)
contains.

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Color

**XYZ(54.5789, 41.3399,
77.7758)**

Conversions

Conversions Part 1

Format	Color
Hex	E090E3
RGB	224, 144, 227
RGB Percent	88%, 56%, 89%
CMY	0.1216, 0.4353, 0.1098
CMYK	0.01, 0.37, 0.00, 0.11
HSL	298°, 60%, 73%
HSV	298°, 37%, 89%
XYZ	54.5789, 41.3399, 77.7758
YIQ	177.3820, 21.0370, 42.7730

Conversions

Conversions Part 2

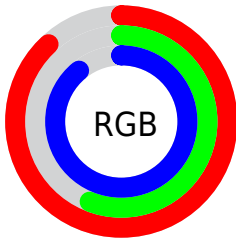
Format	Color
RYB	224, 144, 227
Decimal	14717155
CIELab	70.41, 43.12, -29.79
CIElCh	70, 52.411, 325.357
Yxy	41.3399, 0.3142, 0.2380
Android (android.graphics.Color)	4292907235 (0xFFE090E3)
YUV	177.3820, 24.4617, 40.8840
Hunter-Lab	64.2961, 39.0047, -26.7129

Details

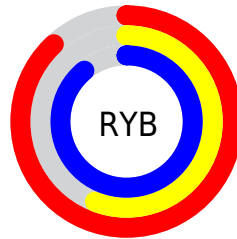
The XYZ color **54.5789, 41.3399, 77.7758** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.5371, 63.1558, 36.2305**, and the grayscale version is **41.8596, 44.0395, 47.9591**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **27.0281, 18.6379, 40.7010** is the 20% darker color. If you saturate the color by 10%, you get **51.2271, 35.0119, 76.7316**, and if you desaturate by 10%, it is **58.6259, 49.0546, 79.0522**.

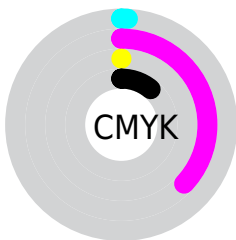
Distribution



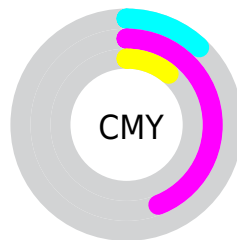
- Red (88%)
- Green (56%)
- Blue (89%)



- Red (88%)
- Yellow (56%)
- Blue (89%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5789, 41.3399, 77.7758 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 54.5789, 41.3399, 77.7758 by changing the saturation by 10% instead.


 54.5789, 41.3399,
77.7758


 54.5789, 41.3399,
77.7758


394.4761,
351.7392, 506.9128

 39.2972, 28.5848,
57.3745

 96.0756, 77.1996,
132.0170

 27.1728, 18.7669,
40.8946


 123.0214,
101.0730, 166.6940

 17.8403, 11.5020,
27.9177


154.5858,
129.4212, 206.9666

 10.9344, 6.4055,
18.0251

191.1343,
162.6287, 253.2533

 6.0897, 3.0932,
10.7984

233.0322,
201.0799, 305.9728

 2.9409, 1.1806,
5.8190

280.6449,

 1.1226, 0.0458,

245.1591, 365.5435

2.6683

334.3378,
295.2507, 432.3840

■ 0.0439, 0.0000,
0.9274

■ 0.0000, 0.0000,
0.0000

■ 54.5789, 41.3399,
77.7758

■ 54.5789, 41.3399,
77.7758

■ 51.2271, 35.0119,
76.7316

■ 58.6259, 49.0546,
79.0522

■ 48.5247, 29.9818,
75.9032

■ 63.4021, 58.2269,
80.5709

■ 46.4269, 26.1591,
75.2759

■ 68.9443, 68.9294,
82.3446

■ 44.8815, 23.4393,
74.8324

■ 75.2857, 81.2283,
84.3843

43.8274, 21.7005,
74.5523

81.6529, 93.5769,
86.4322

43.1874, 20.7880,
74.4099

81.9139, 93.7115,
86.4444

43.0179, 20.5748,
74.3777

82.1762, 93.8467,
86.4567

82.4397, 93.9826,
86.4690

82.7044, 94.1190,
86.4814

Harmonies

Analogous

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



46.8322, 41.3399, 103.0301



54.5789, 41.3399, 77.7758



58.2515, 41.3399, 48.9681

Triad

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



54.5789, 41.3399, 77.7758



40.6504, 41.3399, 12.3259



26.1288, 41.3399, 68.5739

Complementary

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



54.5789, 41.3399, 77.7758



44.5371, 63.1558, 36.2305

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.



24.9704, 41.3399, 41.2751



54.5789, 41.3399, 77.7758



32.6085, 41.3399, 14.2856

Square

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



54.5789, 41.3399, 77.7758



49.4956, 41.3399, 16.1505



27.1652, 41.3399, 23.0485



30.5975, 41.3399, 96.4945

Rectangle

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



54.5789, 41.3399, 77.7758



57.5551, 41.3399, 33.5677



27.1652, 41.3399, 23.0485



25.3700, 41.3399, 58.8005

Sweetspot

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



54.5803, 41.3417, 77.7767



86.3735, 83.1991, 106.1144



35.9819, 32.7043, 77.0897



18.2774, 17.4023, 22.6456



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.



54.5803, 41.3417, 77.7767



67.6065, 47.3040, 100.1751



50.9092, 39.9816, 53.5505



14.9409, 14.5873, 18.1725



25.1104, 12.0108, 43.3780



1.8718, 0.8959, 3.2062

Inverse Universe

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



46.9196, 38.3858, 32.5418



56.2875, 42.9469, 32.8668



47.3486, 64.2191, 53.8063



14.3980, 14.3764, 15.0303



18.5104, 9.5384, 1.0507



1.3753, 0.7078, 0.1171

Previews

White Background



This preview shows how the XYZ color 54.5789, 41.3399, 77.7758 looks on a white background.

Color Contrast Check

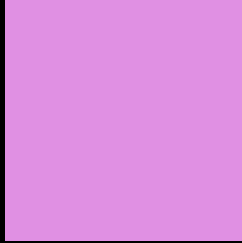
Large Text (above 18pt) WCAG AA × Fail

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 54.5789, 41.3399, 77.7758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

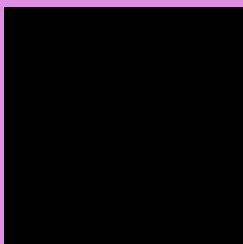
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5789, 41.3399, 77.7758

Background



This preview shows how black text looks on a background with the XYZ color 54.5789, 41.3399, 77.7758.

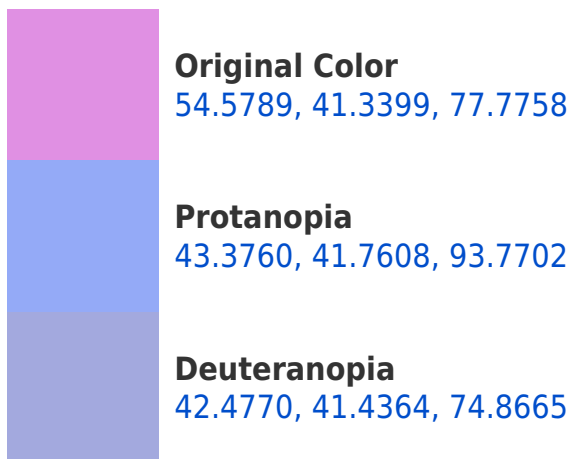


This preview shows how white text looks on a background with the XYZ color 54.5789, 41.3399,

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

47.2753, 41.2030, 42.5071

Trichromacy



Original Color

54.5789, 41.3399, 77.7758



Protanomaly

46.3775, 41.0111, 87.9097



Deuteranomaly

46.0329, 40.8377, 75.9773



Tritanomaly

49.6270, 41.1907, 53.4791

Monochromacy



Original Color

54.5789, 41.3399, 77.7758



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.5536, 42.3197, 57.3973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5789, 41.3399, 77.7758 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(224, 144, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 144, 227)  
}
```

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(224, 144, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 144, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.5789, 41.3399, 77.7758 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(224, 144, 227) }
```


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

```
.border{ border-color:rgb(224, 144, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 144, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 144, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 144, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 144,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5789, 41.3399, 77.7758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 144, 227) }
```

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

```
.background{ background-color: rgb(224,  
144, 227) }
```

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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