

Converting Colors

XYZ(55.5800, 41.6040, 79.0857)

Have a look what the booklet for
XYZ(55.5800, 41.6040, 79.0857)
contains.

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Color

**XYZ(55.6439, 41.6330,
79.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	E38FE5
RGB	227, 143, 229
RGB Percent	89%, 56%, 90%
CMY	0.1098, 0.4392, 0.1020
CMYK	0.01, 0.38, 0.00, 0.10
HSL	299°, 62%, 73%
HSV	299°, 38%, 90%
XYZ	55.6439, 41.6330, 79.2320
YIQ	177.9200, 22.4580, 44.5540

Conversions

Conversions Part 2

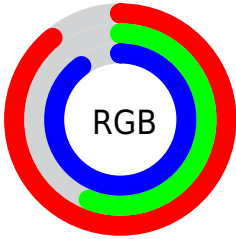
Format	Color
R _Y B	227, 143, 229
Decimal	14913509
CIE Lab	70.62, 44.93, -30.55
CIE LCh	71, 54.330, 325.783
Yxy	41.6330, 0.3152, 0.2359
Android (android.graphics.Color)	4293103589 (0xFFE38FE5)
YUV	177.9200, 25.1824, 43.0432
Hunter-Lab	64.5236, 41.0185, -27.6388

Details

The XYZ color **55.6439, 41.6330, 79.2320** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.6557, 64.0426, 35.9965**, and the grayscale version is **42.1387, 44.3332, 48.2789**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **27.7766, 18.8755, 41.7145** is the 20% darker color. If you saturate the color by 10%, you get **52.3835, 35.3601, 78.1937**, and if you desaturate by 10%, it is **59.6092, 49.3131, 80.5060**.

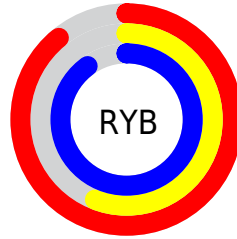
Distribution



Red (89%)

Green (56%)

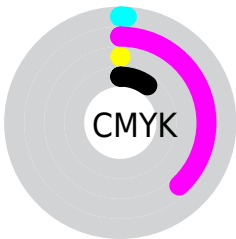
Blue (90%)



Red (89%)

Yellow (56%)

Blue (90%)

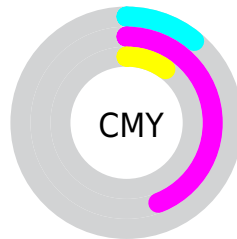


Cyan (1%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (44%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6439, 41.6330, 79.2320 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 55.6439, 41.6330, 79.2320 by changing the saturation by 10% instead.

55.6439, 41.6330,
79.2320

55.6439, 41.6330,
79.2320

398.4449,
352.9593, 511.9792

40.1534, 28.8140,
58.5641

97.6266, 77.6439,
134.0870

27.8429, 18.9402,
41.8446

124.8494,
101.6046, 169.1113

18.3471, 11.6271,
28.6550

156.7137,
130.0480, 209.7581

11.3007, 6.4903,
18.5767

193.5849,
163.3585, 256.4460

6.3382, 3.1454,
11.1911

235.8282,
201.9205, 309.5935

3.0944, 1.2081,
6.0797

283.8091,

1.2039, 0.0683,

246.1183, 369.6192

2.8240

337.8929,
296.3365, 436.9416

■ 0.1094, 0.0000,
1.0055

■ 0.0000, 0.0000,
0.0000

■ 55.6439, 41.6330,
79.2320

■ 55.6439, 41.6330,
79.2320

■ 52.3835, 35.3601,
78.1937

■ 59.6092, 49.3131,
80.5060

■ 49.7808, 30.4031,
77.3740

■ 64.3147, 58.4736,
82.0262

■ 47.7897, 26.6682,
76.7581

■ 69.7981, 69.1891,
83.8055

■ 46.3560, 24.0474,
76.3278

■ 76.0935, 81.5279,
85.8553

45.4161, 22.4134,
76.0619

82.4282, 93.9446,
87.9181

44.8845, 21.5953,
75.9320

82.5990, 94.0326,
87.9261

44.7834, 21.4529,
75.9099

82.7704, 94.1210,
87.9341

82.9422, 94.2095,
87.9421

83.1146, 94.2984,
87.9502

Harmonies

Analogous

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



47.5706, 41.6330, 106.0680



55.6439, 41.6330, 79.2320



59.4206, 41.6330, 49.0675

Triad

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



55.6439, 41.6330, 79.2320



40.8549, 41.6330, 11.7271



25.9648, 41.6330, 70.4359

Complementary

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



55.6439, 41.6330, 79.2320



44.6557, 64.0426, 35.9965

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.



24.7219, 41.6330, 41.7896



55.6439, 41.6330, 79.2320



32.5224, 41.6330, 13.7820

Square

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



55.6439, 41.6330, 79.2320



50.1018, 41.6330, 15.4932



26.9359, 41.6330, 22.8136



30.6298, 41.6330, 99.7843

Rectangle

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



55.6439, 41.6330, 79.2320



58.6314, 41.6330, 33.1621



26.9359, 41.6330, 22.8136



25.1663, 41.6330, 60.1636

Sweetspot

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



55.6453, 41.6348, 79.2329



86.5059, 83.2673, 106.1206



35.7307, 32.0156, 78.4258



18.3092, 17.4187, 22.6471



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.



55.6453, 41.6348, 79.2329



67.7299, 46.8068, 100.0726



51.3078, 39.9731, 53.0813



14.9602, 14.5973, 18.1734



25.6198, 12.2734, 43.4019



1.9038, 0.9124, 3.2077

Inverse Universe

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



47.2478, 38.3491, 31.7018



55.6064, 42.0700, 31.1435



47.9096, 65.3038, 54.9541



14.3905, 14.3734, 14.9909



18.4978, 9.5333, 0.9843



1.3717, 0.7064, 0.0981

Previews

White Background



This preview shows how the XYZ color 55.6439, 41.6330, 79.2320 looks on a white background.

Color Contrast Check

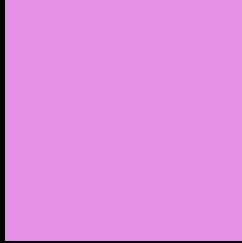
Large Text (above 18pt) WCAG AA × Fail

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 55.6439, 41.6330, 79.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

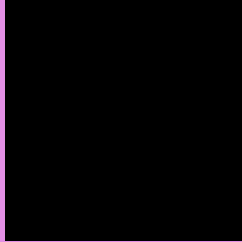
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6439, 41.6330, 79.2320

Background



This preview shows how black text looks on a background with the XYZ color 55.6439, 41.6330, 79.2320.



This preview shows how white text looks on a background with the XYZ color 55.6439, 41.6330,

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

55.6439, 41.6330, 79.2320

Protanopia

43.6627, 41.8546, 96.2200

Deuteranopia

42.9335, 41.9178, 76.3491



Tritanopia

48.1698, 41.6642, 42.5490

Trichromacy



Original Color

55.6439, 41.6330, 79.2320



Protanomaly

46.5023, 40.7825, 89.4253



Deuteranomaly

46.5480, 41.0717, 77.4258



Tritanomaly

50.4851, 41.3805, 54.0416

Monochromacy



Original Color

55.6439, 41.6330, 79.2320



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.2981, 42.6772, 58.6207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6439, 41.6330, 79.2320 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(227, 143, 229)` looks like.

```
.text, #text, p{  
    color:rgb(227, 143, 229)  
}
```

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(227, 143, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 143, 229) }
```

Border

The CSS property to change the border of an element to XYZ 55.6439, 41.6330, 79.2320 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(227, 143, 229) }
```


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

```
.border{ border-color:rgb(227, 143, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 143, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 143, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 143, 229);  
box-shadow:4px 4px 4px 4px rgb(227, 143,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6439, 41.6330, 79.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 143, 229) }
```

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

```
.background{ background-color: rgb(227,  
143, 229) }
```

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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