

Converting Colors

XYZ(57.9391, 40.4389, 99.3595)

Have a look what the booklet for
XYZ(57.9391, 40.4389, 99.3595)
contains.

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Color

**XYZ(57.9391, 40.4389,
99.3595)**

Conversions

Conversions Part 1

Format	Color
Hex	E286FF
RGB	226, 134, 255
RGB Percent	89%, 53%, 100%
CMY	0.1137, 0.4745, 0.0000
CMYK	0.11, 0.47, 0.00, 0.00
HSL	286°, 100%, 76%
HSV	286°, 47%, 100%
XYZ	57.9391, 40.4389, 99.3595
YIQ	175.3020, 15.9910, 57.1350

Conversions

Conversions Part 2

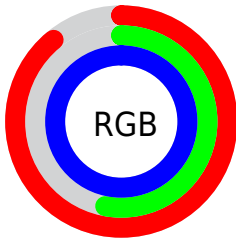
Format	Color
R _Y B	226, 134, 255
Decimal	14845695
CIE Lab	69.78, 54.20, -46.09
CIE LCh	70, 71.152, 319.624
Yxy	40.4389, 0.2930, 0.2045
Android (android.graphics.Color)	4293035775 (0xFFE286FF)
YUV	175.3020, 39.2911, 44.4621
Hunter-Lab	63.5916, 51.3483, -48.1243

Details

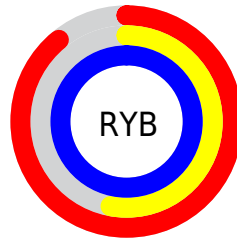
The XYZ color **57.9391, 40.4389, 99.3595** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.1681, 81.0281, 35.2882**, and the grayscale version is **40.7022, 42.8219, 46.6330**.

A 20% lighter version of the original color is **77.4876, 64.8752, 103.0459**, and **29.2102, 18.1394, 55.3878** is the 20% darker color. If you saturate the color by 10%, you get **52.9481, 33.2505, 98.2351**, and if you desaturate by 10%, it is **63.8507, 49.3650, 100.7708**.

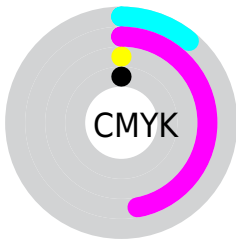
Distribution



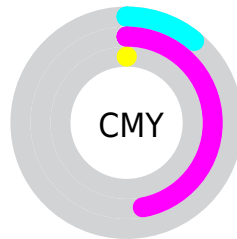
- Red (89%)
- Green (53%)
- Blue (100%)



- Red (89%)
- Yellow (53%)
- Blue (100%)



- Cyan (11%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9391, 40.4389, 99.3595 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 57.9391, 40.4389, 99.3595 by changing the saturation by 10% instead.


 57.9391, 40.4389,
99.3595

 57.9391, 40.4389,
99.3595


406.9165,
347.9700, 579.3663


 42.0028, 27.8809,
75.1518

 100.9576, 75.8314,
162.3209

 29.2946, 18.2359,
55.2348


 128.7706, 99.4347,
201.9117

 19.4492, 11.1195,
39.1899

 161.2730,
127.4885, 247.4673

 12.1012, 6.1473,
26.5985

198.8305,
160.3773, 299.4063

 6.8853, 2.9348,
17.0422

241.8082,
198.4855, 358.1471

 3.4362, 1.0978,
10.1023

290.5715,

 1.3884, 0.0000,

242.1974, 424.1084

5.3603

345.4858,
291.8974, 497.7086

■ 0.2479, 0.0000,
2.3978

■ 0.0000, 0.0000,
0.7852

■ 57.9391, 40.4389,
99.3595

■ 57.9391, 40.4389,
99.3595

■ 52.9481, 33.2505,
98.2351

■ 63.8507, 49.3650,
100.7708

■ 48.8109, 27.6702,
97.3760

■ 70.7354, 60.1359,
102.4870

■ 45.4574, 23.5582,
96.7591

■ 78.6464, 72.8560,
104.5252

■ 42.8040, 20.7481,
96.3565

■ 87.6317, 87.6203,
106.9015

■ 40.7416, 19.0227, 95.0500, 100.0000,
96.1322 108.9000

■ 40.2690, 18.6743,
96.0898

Harmonies

Analogous

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



46.3802, 40.4389, 135.1086



57.9391, 40.4389, 99.3595



64.6544, 40.4389, 56.4967

Triad

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



57.9391, 40.4389, 99.3595



42.5724, 40.4389, 6.4365



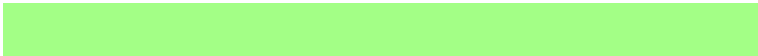
21.0951, 40.4389, 69.0077

Complementary

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



57.9391, 40.4389, 99.3595



55.1681, 81.0281, 35.2882

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.



20.4804, 40.4389, 33.5489



57.9391, 40.4389, 99.3595



31.4550, 40.4389, 7.2009

Square

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



57.9391, 40.4389, 99.3595



54.6764, 40.4389, 11.1946



23.8890, 40.4389, 14.3613



25.7793, 40.4389, 112.3530

Rectangle

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



57.9391, 40.4389, 99.3595



64.7259, 40.4389, 34.2384



23.8890, 40.4389, 14.3613



20.4472, 40.4389, 55.5328

Sweetspot

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



57.9404, 40.4406, 99.3598



81.6219, 77.7130, 105.3059



41.2031, 38.9304, 99.9504



17.0688, 15.9773, 22.4343



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.



57.9404, 40.4406, 99.3598



53.1535, 33.5379, 98.2797



63.3224, 43.7341, 76.1604



18.3423, 18.0682, 22.7707



21.1818, 9.8301, 50.2156



2.1596, 1.0072, 4.8939

Inverse Universe

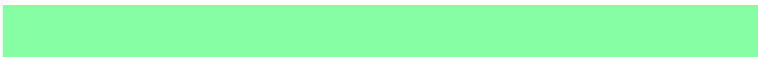
The Inverse Universe completely reimagines the original color for something new.



56.3768, 40.9559, 39.5853



51.8494, 34.3649, 30.4805



52.3160, 79.2782, 47.7869



18.1878, 18.0584, 19.6061



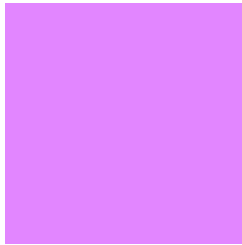
22.0387, 11.3048, 3.5882



2.1864, 1.1169, 0.5628

Previews

White Background



This preview shows how the XYZ color 57.9391, 40.4389, 99.3595 looks on a white background.

Color Contrast Check

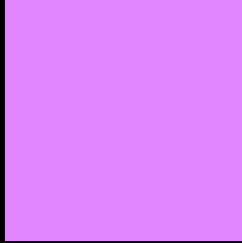
Large Text (above 18pt) WCAG AA × Fail

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 57.9391, 40.4389, 99.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

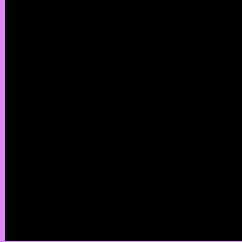
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9391, 40.4389, 99.3595

Background



This preview shows how black text looks on a background with the XYZ color 57.9391, 40.4389, 99.3595.



This preview shows how white text looks on a background with the XYZ color 57.9391, 40.4389,

99.3595.

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

57.9391, 40.4389, 99.3595

Protanopia

42.8678, 40.8007, 100.2237

Deuteranopia

41.7787, 40.6422, 94.4497



Tritanopia

46.1370, 40.3788, 41.9214

Trichromacy



Original Color

57.9391, 40.4389, 99.3595



Protanomaly

46.7331, 39.6549, 99.7988



Deuteranomaly

46.0956, 39.3999, 96.4422

Tritanomaly

49.6560, 39.8964, 59.1164

Monochromacy



Original Color

57.9391, 40.4389, 99.3595



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.7180, 40.9706, 62.6253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9391, 40.4389, 99.3595 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(226, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 134, 255)  
}
```

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(226, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 134, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9391, 40.4389, 99.3595 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(226, 134, 255) }
```


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

```
.border{ border-color:rgb(226, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 134,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9391, 40.4389, 99.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 134, 255) }
```

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

```
.background{ background-color: rgb(226,  
134, 255) }
```

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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