

Converting Colors

XYZ(53.9927, 38.9607, 74.8366)

Have a look what the booklet for
XYZ(53.9927, 38.9607, 74.8366)
contains.

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Color

**XYZ(53.8393, 38.8719,
74.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	E486DF
RGB	228, 134, 223
RGB Percent	89%, 53%, 87%
CMY	0.1059, 0.4745, 0.1255
CMYK	0.00, 0.41, 0.02, 0.11
HSL	303°, 64%, 71%
HSV	303°, 41%, 89%
XYZ	53.8393, 38.8719, 74.4774
YIQ	172.2520, 27.4550, 47.6070

Conversions

Conversions Part 2

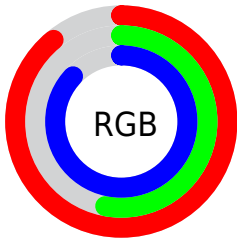
Format	Color
R _Y B	228, 134, 223
Decimal	14976735
CIE Lab	68.66, 48.80, -30.26
CIE LCh	69, 57.416, 328.200
Yxy	38.8719, 0.3220, 0.2325
Android (android.graphics.Color)	4293166815 (0xFFE486DF)
YUV	172.2520, 25.0188, 48.8910
Hunter-Lab	62.3473, 45.0337, -27.1821

Details

The XYZ color **53.8393, 38.8719, 74.4774** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **42.2368, 62.4206, 34.2507**, and the grayscale version is **39.2090, 41.2509, 44.9222**.

A 20% lighter version of the original color is **77.4876, 64.8752, 103.0459**, and **26.8049, 17.3699, 38.9857** is the 20% darker color. If you saturate the color by 10%, you get **50.8586, 33.1705, 72.6802**, and if you desaturate by 10%, it is **57.5030, 45.9358, 76.5088**.

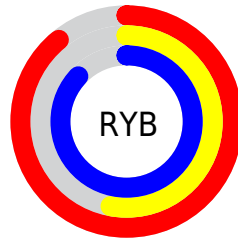
Distribution



Red (89%)

Green (53%)

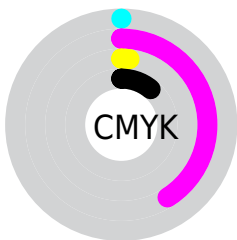
Blue (87%)



Red (89%)

Yellow (53%)

Blue (87%)

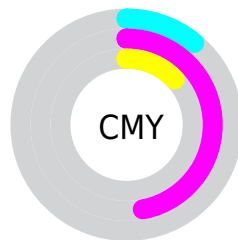


Cyan (0%)

Magenta (41%)

Yellow (2%)

Black (11%)



Cyan (11%)


Magenta (47%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8393, 38.8719, 74.4774 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 53.8393, 38.8719, 74.4774 by changing the saturation by 10% instead.


 53.8393, 38.8719,
74.4774

 53.8393, 38.8719,
74.4774

391.7053,
341.3456, 495.3268


 38.7034, 26.6601,
54.6857

 94.9965, 73.4426,
127.3126

 26.7087, 17.3181,
38.7532


 121.7485, 96.5702,
161.1932

 17.4900, 10.4616,
26.2615


 153.1033,
124.1053, 200.6072

 10.6820, 5.7060,
16.7918

189.4261,
156.4322, 245.9731

 5.9191, 2.6672,
9.9258

231.0823,
193.9352, 297.7095

 2.8361, 0.9605,
5.2448

278.4374,

 1.0677, 0.0000,

236.9989, 356.2349

2.3304

331.8566,
286.0075, 421.9678

■ 0.0000, 0.0000,
0.7482

■ 0.0000, 0.0000,
0.0000

■ 53.8393, 38.8719,
74.4774

■ 53.8393, 38.8719,
74.4774

■ 50.8586, 33.1705,
72.6802

■ 57.5030, 45.9358,
76.5088

■ 48.5130, 28.7382,
71.1000

■ 61.8860, 54.4373,
78.7855

■ 46.7544, 25.4782,
69.7214

■ 67.0267, 64.4521,
81.3204

■ 45.5265, 23.2776,
68.5253

■ 72.9594, 76.0493,
84.1252

44.7616, 22.0011,
67.4893

79.7167, 89.2936,
87.2107

44.3734, 21.4454,
66.6793

82.0775, 93.7431,
88.8365

82.2487, 93.8116,
89.7384

82.4212, 93.8805,
90.6465

82.5948, 93.9500,
91.5608

Harmonies

Analogous

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



45.8159, 38.8719, 103.3669



53.8393, 38.8719, 74.4774



57.2632, 38.8719, 43.9131

Triad

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



53.8393, 38.8719, 74.4774



37.4971, 38.8719, 9.4580



23.6094, 38.8719, 70.5868

Complementary

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



53.8393, 38.8719, 74.4774



42.2368, 62.4206, 34.2507

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.



22.1128, 38.8719, 40.7754



53.8393, 38.8719, 74.4774



29.3028, 38.8719, 11.8029

Square

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



53.8393, 38.8719, 74.4774



46.9198, 38.8719, 12.4853



24.0181, 38.8719, 21.0838



28.4974, 38.8719, 100.5479

Rectangle

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



53.8393, 38.8719, 74.4774



56.1140, 38.8719, 28.5627



24.0181, 38.8719, 21.0838



22.7320, 38.8719, 59.9204

Sweetspot

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



53.8406, 38.8736, 74.4782



85.7923, 81.9022, 104.5265



33.1279, 28.1168, 77.0809



18.1668, 17.1476, 22.2777



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.



53.8406, 38.8736, 74.4782



66.2273, 44.0378, 94.1035



48.3878, 36.6925, 45.7640



14.9603, 14.6013, 17.9911



25.6368, 12.3889, 38.5780



1.9047, 0.9196, 2.9045

Inverse Universe

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



53.8406, 38.8736, 74.4782



66.2273, 44.0378, 94.1035



46.4076, 64.0889, 56.2136



14.9603, 14.6013, 17.9911



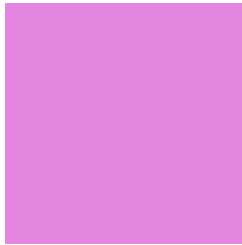
25.6368, 12.3889, 38.5780



1.9047, 0.9196, 2.9045

Previews

White Background



This preview shows how the XYZ color 53.8393, 38.8719, 74.4774 looks on a white background.

Color Contrast Check

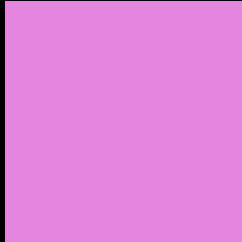
Large Text (above 18pt) WCAG AA × Fail

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 53.8393, 38.8719, 74.4774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

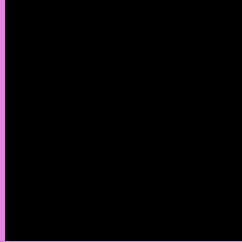
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8393, 38.8719, 74.4774

Background



This preview shows how black text looks on a background with the XYZ color 53.8393, 38.8719, 74.4774.



This preview shows how white text looks on a background with the XYZ color 53.8393, 38.8719,

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

53.8393, 38.8719, 74.4774

Protanopia

41.0589, 39.2011, 93.3982

Deuteranopia

40.0801, 39.1891, 71.0975



Tritanopia

46.3631, 38.8987, 37.8655

Trichromacy



Original Color

53.8393, 38.8719, 74.4774



Protanomaly

44.0015, 38.0549, 85.9151



Deuteranomaly

43.8702, 38.2930, 72.0969



Tritanomaly

48.6974, 38.7103, 49.1612

Monochromacy



Original Color

53.8393, 38.8719, 74.4774



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.3691, 39.4218, 54.6136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8393, 38.8719, 74.4774 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(228, 134, 223)` looks like.

```
.text, #text, p{  
    color:rgb(228, 134, 223)  
}
```

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(228, 134, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 134, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.8393, 38.8719, 74.4774 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(228, 134, 223) }
```


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

```
.border{ border-color:rgb(228, 134, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 134, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 134, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 134, 223);  
box-shadow:4px 4px 4px 4px rgb(228, 134,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8393, 38.8719, 74.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 134, 223) }
```

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

```
.background{ background-color: rgb(228,  
134, 223) }
```

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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