

Converting Colors

XYZ(54.4651, 40.9306, 73.4248)

Have a look what the booklet for
XYZ(54.4651, 40.9306, 73.4248)
contains.

XYZ(54.4027, 40.8974, 73.4333)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.4027, 40.8974,
73.4333)**

Conversions

Conversions Part 1

Format	Color
Hex	E38EDD
RGB	227, 142, 221
RGB Percent	89%, 56%, 87%
CMY	0.1098, 0.4431, 0.1333
CMYK	0.00, 0.37, 0.03, 0.11
HSL	304°, 60%, 72%
HSV	304°, 37%, 89%
XYZ	54.4027, 40.8974, 73.4333
YIQ	176.4210, 25.3010, 42.5890

Conversions

Conversions Part 2

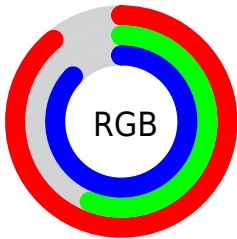
Format	Color
R_{YB}	227, 142, 221
Decimal	14913245
CIE _{Lab}	70.10, 44.00, -26.94
CIE _{LCh}	70, 51.594, 328.529
Yxy	40.8974, 0.3224, 0.2424
Android (android.graphics.Color)	4293103325 (0xFFE38EDD)
YUV	176.4210, 21.9774, 44.3578
Hunter-Lab	63.9511, 39.9342, -23.3154

Details

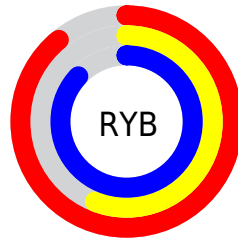
The XYZ color **54.4027, 40.8974, 73.4333** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **43.9714, 62.8284, 37.8289**, and the grayscale version is **41.3673, 43.5216, 47.3951**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **27.0329, 18.4440, 38.2116** is the 20% darker color. If you saturate the color by 10%, you get **51.1509, 34.7330, 71.3013**, and if you desaturate by 10%, it is **58.3469, 48.4416, 75.8070**.

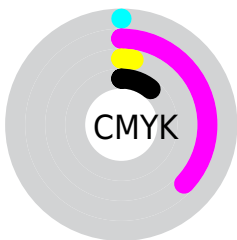
Distribution



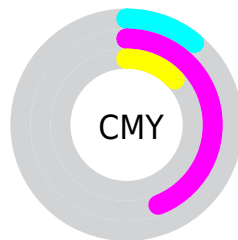
- Red (89%)
- Green (56%)
- Blue (87%)



- Red (89%)
- Yellow (56%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (3%)
- Black (11%)




- Cyan (11%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4027, 40.8974, 73.4333 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 54.4027, 40.8974, 73.4333 by changing the saturation by 10% instead.


 54.4027, 40.8974,
73.4333


 54.4027, 40.8974,
73.4333


393.8171,
349.8916, 491.6262

 39.1557, 28.2389,
53.8364

 95.8187, 76.5281,
125.8188

 27.0621, 18.5058,
38.0786


 122.7184,
100.2692, 159.4444

 17.7567, 11.3138,
25.7414


154.2330,
128.4732, 198.5833

 10.8741, 6.2783,
16.4062

190.7278,
161.5245, 243.6540

 6.0489, 3.0150,
9.6546

232.5683,
199.8077, 295.0751

 2.9158, 1.1396,
5.0680

280.1198,

 1.1094, 0.0115,

243.7070, 353.2652

2.2278

333.7476,
293.6068, 418.6427

■ 0.0329, 0.0000,
0.6903

■ 0.0000, 0.0000,
0.0000

■ 54.4027, 40.8974,
73.4333

■ 54.4027, 40.8974,
73.4333

■ 51.1509, 34.7330,
71.3013

■ 58.3469, 48.4416,
75.8070

■ 48.5454, 29.8590,
69.3944

■ 63.0180, 57.4371,
78.4326

■ 46.5411, 26.1839,
67.6978

■ 68.4529, 67.9570,
81.3230

■ 45.0849, 23.6020,
66.1940

■ 74.6849, 80.0679,
84.4892

44.1150, 21.9892,
64.8622

81.5837, 93.5090,
87.8878

43.5482, 21.1796,
63.6746

81.8086, 93.5989,
89.0720

43.4338, 21.0330,
63.3827

82.0355, 93.6897,
90.2671

82.2645, 93.7813,
91.4731

82.4956, 93.8738,
92.6901

Harmonies

Analogous

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



47.1397, 40.8974, 99.0442



54.4027, 40.8974, 73.4333



57.4344, 40.8974, 45.7332

Triad

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



54.4027, 40.8974, 73.4333



39.2895, 40.8974, 12.3750



26.2975, 40.8974, 70.5886

Complementary

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



54.4027, 40.8974, 73.4333



43.9714, 62.8284, 37.8289

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.



24.8135, 40.8974, 43.3487



54.4027, 40.8974, 73.4333



31.6319, 40.8974, 14.9268

Square

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



54.4027, 40.8974, 73.4333



47.9644, 40.8974, 15.5096



26.6196, 40.8974, 24.4233



31.0076, 40.8974, 97.0267

Rectangle

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



54.4027, 40.8974, 73.4333



56.3580, 40.8974, 31.3459



26.6196, 40.8974, 24.4233



25.4377, 40.8974, 60.9736

Sweetspot

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



54.4040, 40.8992, 73.4342



86.4282, 83.2639, 104.4613



35.6926, 31.1591, 76.8070



18.2905, 17.4179, 22.2484



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.



54.4040, 40.8992, 73.4342



67.4276, 46.7985, 93.3933



49.4730, 38.9268, 47.4675



14.9489, 14.5967, 17.9312



25.3487, 12.2737, 37.0607



1.8864, 0.9123, 2.8084

Inverse Universe

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



54.4040, 40.8992, 73.4342



67.4276, 46.7985, 93.3933



47.9385, 64.4152, 58.7193



14.9489, 14.5967, 17.9312



25.3487, 12.2737, 37.0607



1.8864, 0.9123, 2.8084

Previews

White Background



This preview shows how the XYZ color 54.4027, 40.8974, 73.4333 looks on a white background.

Color Contrast Check

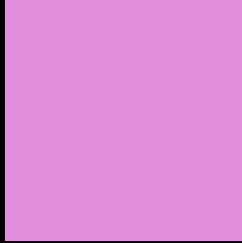
Large Text (above 18pt) WCAG AA × Fail

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 54.4027, 40.8974, 73.4333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

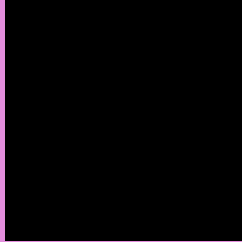
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4027, 40.8974, 73.4333

Background



This preview shows how black text looks on a background with the XYZ color 54.4027, 40.8974, 73.4333.



This preview shows how white text looks on a background with the XYZ color 54.4027, 40.8974,

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

54.4027, 40.8974, 73.4333

Protanopia

42.6094, 41.1763, 89.7065

Deuteranopia

41.9144, 40.9625, 70.6632



Tritanopia

47.6980, 40.7147, 40.9421

Trichromacy



Original Color

54.4027, 40.8974, 73.4333



Protanomaly

45.3809, 40.0839, 83.1870



Deuteranomaly

45.7921, 40.5496, 71.7430



Tritanomaly

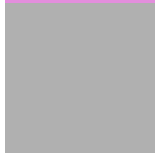
49.9358, 40.6857, 51.1202

Monochromacy



Original Color

54.4027, 40.8974, 73.4333



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.2956, 41.9588, 55.5807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4027, 40.8974, 73.4333 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, 142, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 142, 221)  
}
```

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, 142, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 142, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.4027, 40.8974, 73.4333 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, 142, 221) }
```


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

```
.border{ border-color:rgb(227, 142, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 142, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 142, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 142, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 142,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4027, 40.8974, 73.4333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 142, 221) }
```

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

```
.background{ background-color: rgb(227,  
142, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor