

Converting Colors

XYZ(55.1731, 40.7494, 74.9588)

Have a look what the booklet for
XYZ(55.1731, 40.7494, 74.9588)
contains.

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Color

**XYZ(55.3305, 40.9069,
74.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	E68CDF
RGB	230, 140, 223
RGB Percent	90%, 55%, 87%
CMY	0.0980, 0.4510, 0.1255
CMYK	0.00, 0.39, 0.03, 0.10
HSL	305°, 64%, 73%
HSV	305°, 39%, 90%
XYZ	55.3305, 40.9069, 74.7916
YIQ	176.3720, 26.9970, 44.8930

Conversions

Conversions Part 2

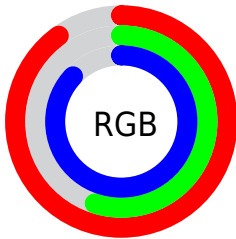
Format	Color
R _Y B	230, 140, 223
Decimal	15109343
CIE Lab	70.11, 46.32, -28.00
CIE LCh	70, 54.127, 328.850
Yxy	40.9069, 0.3235, 0.2392
Android (android.graphics.Color)	4293299423 (0xFFE68CDF)
YUV	176.3720, 22.9876, 47.0318
Hunter-Lab	63.9585, 42.4930, -24.5614

Details

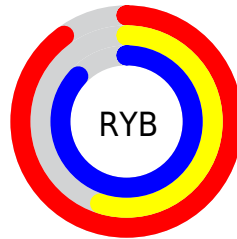
The XYZ color **55.3305, 40.9069, 74.7916** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.3803, 64.2771, 37.6739**, and the grayscale version is **41.3360, 43.4887, 47.3592**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **27.7097, 18.5278, 39.1615** is the 20% darker color. If you saturate the color by 10%, you get **52.0748, 34.7788, 72.5229**, and if you desaturate by 10%, it is **59.2937, 48.4444, 77.3096**.

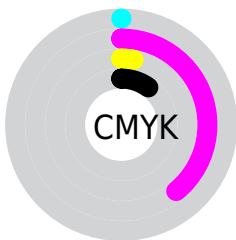
Distribution



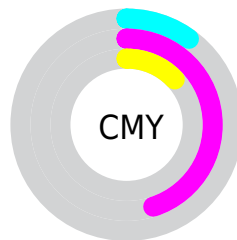
- Red (90%)
- Green (55%)
- Blue (87%)



- Red (90%)
- Yellow (55%)
- Blue (87%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3305, 40.9069, 74.7916 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 55.3305, 40.9069, 74.7916 by changing the saturation by 10% instead.

55.3305, 40.9069,
74.7916

55.3305, 40.9069,
74.7916

397.2796,
349.9314, 496.4373

39.9013, 28.2463,
54.9415

97.1705, 76.5425,
127.7617

27.6455, 18.5114,
38.9566

124.3120,
100.2864, 161.7188

18.1977, 11.3178,
26.4184

156.0884,
128.4935, 201.2152

11.1925, 6.2810,
16.9083

192.8649,
161.5483, 246.6696

6.2647, 3.0167,
10.0079

235.0069,
199.8350, 298.5004

3.0489, 1.1405,
5.2985

282.8798,

1.1797, 0.0122,

243.7382, 357.1263

2.3617

336.8489,
293.6422, 422.9657

■ 0.0902, 0.0000,
0.7655

■ 0.0000, 0.0000,
0.0000

■ 55.3305, 40.9069,
74.7916

■ 55.3305, 40.9069,
74.7916

■ 52.0748, 34.7788,
72.5229

■ 59.2937, 48.4444,
77.3096

■ 49.4786, 29.9663,
70.4861

■ 64.0007, 57.4663,
80.0877

■ 47.4941, 26.3731,
68.6657

■ 69.4902, 68.0489,
83.1393

■ 46.0653, 23.8873,
67.0431

■ 75.7969, 80.2618,
86.4759

45.1259, 22.3765,
65.5960

82.9514, 94.1664,
90.1079

44.5726, 21.6336,
64.2899

83.2069, 94.2685,
91.4530

44.5311, 21.5822,
64.1789

83.4649, 94.3717,
92.8118

83.7255, 94.4760,
94.1842

83.9888, 94.5813,
95.5704

Harmonies

Analogous

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



47.6794, 40.9069, 102.2856



55.3305, 40.9069, 74.7916



58.4874, 40.9069, 45.5259

Triad

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



55.3305, 40.9069, 74.7916



39.2233, 40.9069, 11.4314



25.8039, 40.9069, 72.4237

Complementary

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



55.3305, 40.9069, 74.7916



44.3803, 64.2771, 37.6739

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.



24.2333, 40.9069, 43.5697



55.3305, 40.9069, 74.7916



31.2372, 40.9069, 14.0466

Square

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



55.3305, 40.9069, 74.7916



48.3603, 40.9069, 14.5046



26.0647, 40.9069, 23.7946



30.7288, 40.9069, 100.5926

Rectangle

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



55.3305, 40.9069, 74.7916



57.3023, 40.9069, 30.5826



26.0647, 40.9069, 23.7946



24.9025, 40.9069, 62.2065

Sweetspot

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



55.3318, 40.9087, 74.7925



85.6724, 81.8542, 103.8952



35.5170, 30.5825, 78.8950



18.1384, 17.1362, 22.1280



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.



55.3318, 40.9087, 74.7925



66.5099, 45.2638, 92.1605



50.1495, 38.8358, 47.5027



14.9442, 14.5949, 17.9065



25.2316, 12.2268, 36.4440



1.8790, 0.9093, 2.7693

Inverse Universe

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



55.3318, 40.9087, 74.7925



66.5099, 45.2638, 92.1605



48.5176, 65.9320, 59.4610



14.9442, 14.5949, 17.9065



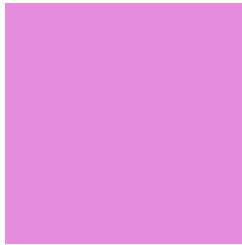
25.2316, 12.2268, 36.4440



1.8790, 0.9093, 2.7693

Previews

White Background



This preview shows how the XYZ color 55.3305, 40.9069, 74.7916 looks on a white background.

Color Contrast Check

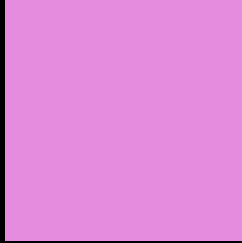
Large Text (above 18pt) WCAG AA × Fail

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 55.3305, 40.9069, 74.7916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

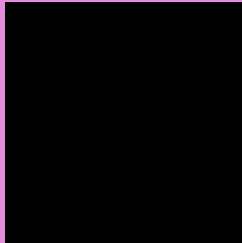
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3305, 40.9069, 74.7916

Background



This preview shows how black text looks on a background with the XYZ color 55.3305, 40.9069, 74.7916.



This preview shows how white text looks on a background with the XYZ color 55.3305, 40.9069,

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

55.3305, 40.9069, 74.7916

Protanopia

42.8821, 41.2644, 92.0909

Deuteranopia

42.1527, 41.3304, 72.0855



Tritanopia

48.3605, 40.8248, 40.4531

Trichromacy



Original Color

55.3305, 40.9069, 74.7916



Protanomaly

45.8730, 40.0331, 85.4302



Deuteranomaly

45.8842, 40.3124, 73.0729



Tritanomaly

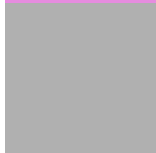
50.7109, 40.8513, 51.1113

Monochromacy



Original Color

55.3305, 40.9069, 74.7916



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.4878, 41.7804, 56.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3305, 40.9069, 74.7916 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(230, 140, 223)` looks like.

```
.text, #text, p{  
    color:rgb(230, 140, 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(230, 140, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 140, 223) }
```

Border

The CSS property to change the border of an element to XYZ 55.3305, 40.9069, 74.7916 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(230, 140, 223) }
```


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

```
.border{ border-color:rgb(230, 140, 223) }
```

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

Here you see how a box with a 4 pixel rgb(230, 140, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 140, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 140, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 140,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3305, 40.9069, 74.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 140, 223) }
```

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

```
.background{ background-color: rgb(230,  
140, 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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