

Converting Colors

XYZ(54.5175, 35.5071, 74.8423)

Have a look what the booklet for
XYZ(54.5175, 35.5071, 74.8423)
contains.

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Color

**XYZ(54.3969, 35.4210,
74.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	ED72E0
RGB	237, 114, 224
RGB Percent	93%, 45%, 88%
CMY	0.0706, 0.5529, 0.1216
CMYK	0.00, 0.52, 0.05, 0.07
HSL	306°, 77%, 69%
HSV	306°, 52%, 93%
XYZ	54.3969, 35.4210, 74.4909
YIQ	163.3170, 37.9980, 60.2860

Conversions

Conversions Part 2

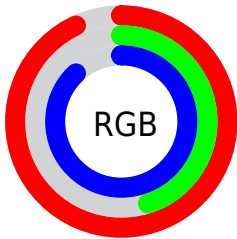
Format	Color
R _Y B	237, 114, 224
Decimal	15561440
CIE Lab	66.08, 61.36, -34.72
CIE LCh	66, 70.498, 330.495
Yxy	35.4210, 0.3311, 0.2156
Android (android.graphics.Color)	4293751520 (0xFFED72E0)
YUV	163.3170, 29.9167, 64.6200
Hunter-Lab	59.5155, 58.9959, -32.5477

Details

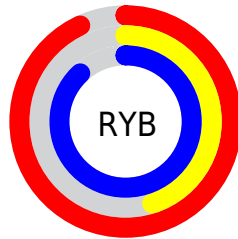
The XYZ color **54.3969, 35.4210, 74.4909** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.0560, 65.6794, 30.5945**, and the grayscale version is **34.8143, 36.6273, 39.8871**.

A 20% lighter version of the original color is **73.6647, 57.2295, 101.7716**, and **27.1214, 15.3371, 38.5767** is the 20% darker color. If you saturate the color by 10%, you get **51.7248, 30.6157, 71.9365**, and if you desaturate by 10%, it is **57.7688, 41.6163, 77.3039**.

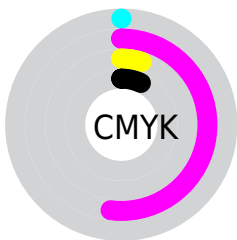
Distribution



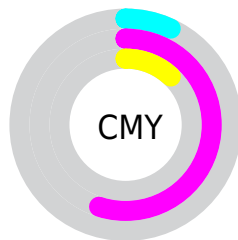
- Red (93%)
- Green (45%)
- Blue (88%)



- Red (93%)
- Yellow (45%)
- Blue (88%)



- Cyan (0%)
- Magenta (52%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (55%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3969, 35.4210, 74.4909 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 54.3969, 35.4210, 74.4909 by changing the saturation by 10% instead.

 54.3969, 35.4210,
74.4909


 54.3969, 35.4210,
74.4909


393.7954,
326.4227, 495.3746


 39.1510, 23.9874,
54.6967


 95.8102, 68.1375,
127.3319

 27.0585, 15.3242,
38.7620


 122.7084, 90.1891,
161.2158

 17.7540, 9.0473,
26.2682


 154.2213,
116.5488, 200.6333

 10.8721, 4.7720,
16.7968

190.7144,
147.6010, 246.0030

 6.0476, 2.1141,
9.9293

232.5530,
183.7301, 297.7435

 2.9150, 0.6726,
5.2471

280.1025,

 1.1089, 0.0000,

225.3205, 356.2732

2.3317

333.7282,
272.7566, 422.0107

■ 0.0326, 0.0000,
0.7489

■ 0.0000, 0.0000,
0.0000

■ 54.3969, 35.4210,
74.4909

■ 54.3969, 35.4210,
74.4909

■ 51.7248, 30.6157,
71.9365

■ 57.7688, 41.6163,
77.3039

■ 49.6942, 27.0863,
69.6203

■ 61.8858, 49.2945,
80.3897

■ 48.2434, 24.7087,
67.5218

■ 66.7935, 58.5460,
83.7640

■ 47.2969, 23.3315,
65.6157

■ 72.5328, 69.4526,
87.4405

46.8028, 22.7557,
64.1799

79.1418, 82.0905,
91.4321

86.2700, 95.7586,
95.6219

86.6429, 95.9077,
97.5852

87.0209, 96.0589,
99.5757

87.4040, 96.2122,
101.5933

Harmonies

Analogous

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



44.9480, 35.4210, 112.6083



54.3969, 35.4210, 74.4909



58.0696, 35.4210, 38.0715

Triad

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



54.3969, 35.4210, 74.4909



33.4930, 35.4210, 4.8740



19.1313, 35.4210, 75.8370

Complementary

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



54.3969, 35.4210, 74.4909



41.0560, 65.6794, 30.5945

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.



17.2846, 35.4210, 39.0677



54.3969, 35.4210, 74.4909



24.4510, 35.4210, 7.1696

Square

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



54.3969, 35.4210, 74.4909



44.5837, 35.4210, 7.0086



19.0122, 35.4210, 16.5746



24.6952, 35.4210, 113.6290

Rectangle

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



54.3969, 35.4210, 74.4909



56.2576, 35.4210, 21.7011



19.0122, 35.4210, 16.5746



18.1139, 35.4210, 62.4745

Sweetspot

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



54.3981, 35.4226, 74.4916



82.7006, 76.3998, 101.3965



29.9536, 22.6094, 82.9070



17.4025, 15.7849, 21.5113



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.



54.3981, 35.4226, 74.4916



60.9806, 35.9810, 84.8426



47.5726, 32.6924, 38.5493



15.6422, 15.2847, 18.6672



25.5816, 12.4353, 35.1939



2.0285, 0.9844, 2.8675

Inverse Universe

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



54.3981, 35.4226, 74.4916



60.9806, 35.9810, 84.8426



46.2807, 67.7692, 58.1073



15.6422, 15.2847, 18.6672



25.5816, 12.4353, 35.1939



2.0285, 0.9844, 2.8675

Previews

White Background



This preview shows how the XYZ color 54.3969, 35.4210, 74.4909 looks on a white background.

Color Contrast Check

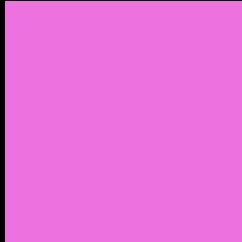
Large Text (above 18pt) WCAG AA × Fail

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 54.3969, 35.4210, 74.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

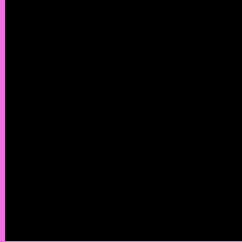
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3969, 35.4210, 74.4909

Background



This preview shows how black text looks on a background with the XYZ color 54.3969, 35.4210, 74.4909.



This preview shows how white text looks on a background with the XYZ color 54.3969, 35.4210,

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

54.3969, 35.4210, 74.4909

Protanopia

38.5890, 35.9588, 99.5146

Deuteranopia

36.6469, 35.8651, 69.9569



Tritanopia

45.3404, 35.2522, 30.4013

Trichromacy



Original Color

54.3969, 35.4210, 74.4909



Protanomaly

41.5192, 33.8770, 89.9386



Deuteranomaly

41.1990, 34.3431, 71.4753



Tritanomaly

47.8622, 34.8892, 43.2414

Monochromacy



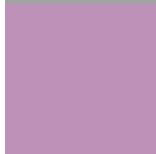
Original Color

54.3969, 35.4210, 74.4909



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

40.1176, 34.7007, 50.4824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3969, 35.4210, 74.4909 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(237, 114, 224)` looks like.

```
.text, #text, p{  
    color:rgb(237, 114, 224)  
}
```

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(237, 114, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 114, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.3969, 35.4210, 74.4909 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(237, 114, 224) }
```


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

```
.border{ border-color:rgb(237, 114, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 114, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 114, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 114, 224);  
box-shadow:4px 4px 4px 4px rgb(237, 114,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3969, 35.4210, 74.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 114, 224) }
```

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

```
.background{ background-color: rgb(237,  
114, 224) }
```

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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