

Converting Colors

XYZ(54.2323, 36.6347, 72.1548)

Have a look what the booklet for
XYZ(54.2323, 36.6347, 72.1548)
contains.

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Color

**XYZ(54.0166, 36.5042,
71.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	EB79DC
RGB	235, 121, 220
RGB Percent	92%, 47%, 86%
CMY	0.0784, 0.5255, 0.1373
CMYK	0.00, 0.49, 0.06, 0.08
HSL	308°, 74%, 70%
HSV	308°, 49%, 92%
XYZ	54.0166, 36.5042, 71.9092
YIQ	166.3720, 36.1650, 54.9570

Conversions

Conversions Part 2

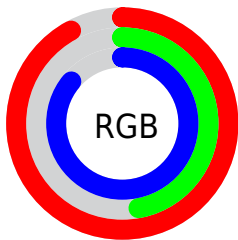
Format	Color
R _Y B	235, 121, 220
Decimal	15432156
CIE Lab	66.90, 56.82, -31.23
CIE LCh	67, 64.835, 331.202
Yxy	36.5042, 0.3326, 0.2247
Android (android.graphics.Color)	4293622236 (0xFFEB79DC)
YUV	166.3720, 26.4386, 60.1868
Hunter-Lab	60.4187, 53.8530, -28.2727

Details

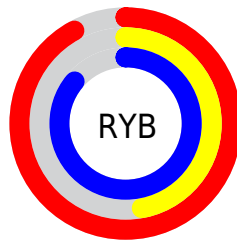
The XYZ color **54.0166, 36.5042, 71.9092** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.0390, 65.2605, 33.6758**, and the grayscale version is **36.2904, 38.1803, 41.5784**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **26.8712, 15.9602, 37.2617** is the 20% darker color. If you saturate the color by 10%, you get **51.0954, 31.3105, 68.9337**, and if you desaturate by 10%, it is **57.6433, 43.0952, 75.1579**.

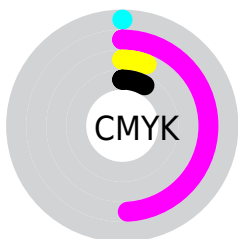
Distribution



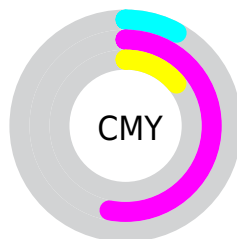
- Red (92%)
- Green (47%)
- Blue (86%)



- Red (92%)
- Yellow (47%)
- Blue (86%)



- Cyan (0%)
- Magenta (49%)
- Yellow (6%)
- Black (8%)





- Cyan (8%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0166, 36.5042, 71.9092 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 54.0166, 36.5042, 71.9092 by changing the saturation by 10% instead.

 54.0166, 36.5042,
71.9092

 54.0166, 36.5042,
71.9092

392.3706,
331.1590, 486.1945


 38.8457, 24.8238,
52.5981

 95.2554, 69.8096,
123.6339

 26.8199, 15.9459,
37.0965

 122.0539, 92.2034,
156.8847

 17.5739, 9.4859,
24.9859


 153.4590,
118.9372, 195.6191

 10.7423, 5.0594,
15.8476

189.8361,
150.3953, 240.2557

 5.9598, 2.2822,
9.2632

231.5504,
186.9621, 291.2129

 2.8611, 0.7642,
4.8141

278.9673,

 1.0807, 0.0000,

229.0221, 348.9095

2.0818

332.4523,
276.9596, 413.7638

■ 0.0089, 0.0000,
0.6049

■ 0.0000, 0.0000,
0.0000

■ 54.0166, 36.5042,
71.9092

■ 54.0166, 36.5042,
71.9092

■ 51.0954, 31.3105,
68.9337

■ 57.6433, 43.0952,
75.1579

■ 48.8246, 27.4063,
66.2118


■ 62.0181, 51.1710,
78.6933


■ 47.1470, 24.6763,
63.7246


■ 67.1844, 60.8178,
82.5303


■ 45.9933, 22.9824,
61.4489


■ 73.1815, 72.1137,
86.6821


 45.2633, 22.1240,
59.3510


 80.0459, 85.1317,
91.1613

 45.1698, 22.0257,
59.0463

 85.5357, 95.3881,
95.2205

 85.9954, 95.5720,
97.6417

 86.4631, 95.7591,
100.1042

 86.9386, 95.9493,
102.6082

Harmonies

Analogous

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



45.4282, 36.5042, 106.2793



54.0166, 36.5042, 71.9092



57.2094, 36.5042, 38.6231

Triad

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



54.0166, 36.5042, 71.9092



34.3015, 36.5042, 6.4878



20.9198, 36.5042, 74.8665

Complementary

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



54.0166, 36.5042, 71.9092



42.0390, 65.2605, 33.6758

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.



19.0328, 36.5042, 40.8922



54.0166, 36.5042, 71.9092



25.8033, 36.5042, 9.1119

Square

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



54.0166, 36.5042, 71.9092



44.6120, 36.5042, 8.6935



20.6384, 36.5042, 18.9706



26.3706, 36.5042, 108.4799

Rectangle

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



54.0166, 36.5042, 71.9092



55.4494, 36.5042, 23.2196



20.6384, 36.5042, 18.9706



19.8995, 36.5042, 62.6917

Sweetspot

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



54.0178, 36.5059, 71.9099



83.2386, 77.6570, 101.0173



31.7139, 24.7678, 81.7074



17.5014, 16.0296, 21.3999



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.



54.0178, 36.5059, 71.9099



61.5814, 37.8256, 83.0608



47.8641, 34.0444, 39.5047



15.6246, 15.2777, 18.5742



25.1729, 12.2718, 33.0414



2.0004, 0.9731, 2.7195

Inverse Universe

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



54.0178, 36.5059, 71.9099



61.5814, 37.8256, 83.0608



47.0320, 67.2577, 59.9684



15.6246, 15.2777, 18.5742



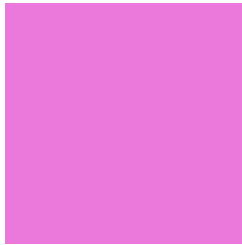
25.1729, 12.2718, 33.0414



2.0004, 0.9731, 2.7195

Previews

White Background



This preview shows how the XYZ color 54.0166, 36.5042, 71.9092 looks on a white background.

Color Contrast Check

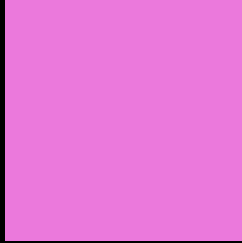
Large Text (above 18pt) WCAG AA × Fail

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 54.0166, 36.5042, 71.9092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

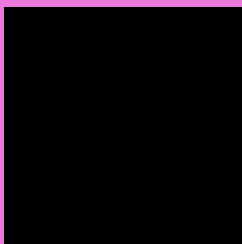
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0166, 36.5042, 71.9092

Background



This preview shows how black text looks on a background with the XYZ color 54.0166, 36.5042, 71.9092.



This preview shows how white text looks on a background with the XYZ color 54.0166, 36.5042,

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

54.0166, 36.5042, 71.9092

Protanopia

39.1893, 36.8525, 96.3145

Deuteranopia

37.5299, 36.6211, 68.0413



Tritanopia

45.9695, 36.3603, 32.6124

Trichromacy



Original Color

54.0166, 36.5042, 71.9092



Protanomaly

42.1555, 35.1739, 87.0055



Deuteranomaly

41.9650, 35.4607, 69.5986



Tritanomaly

48.3894, 36.1116, 44.4642

Monochromacy



Original Color

54.0166, 36.5042, 71.9092



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.2551, 36.4342, 51.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0166, 36.5042, 71.9092 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(235, 121, 220)` looks like.

```
.text, #text, p{  
    color:rgb(235, 121, 220)  
}
```

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(235, 121, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 121, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.0166, 36.5042, 71.9092 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(235, 121, 220) }
```


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

```
.border{ border-color:rgb(235, 121, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 121, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 121, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 121, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 121,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0166, 36.5042, 71.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 121, 220) }
```

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

```
.background{ background-color: rgb(235,  
121, 220) }
```

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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