

Converting Colors

XYZ(54.9693, 38.4516, 75.2895)

Have a look what the booklet for
XYZ(54.9693, 38.4516, 75.2895)
contains.

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Color

**XYZ(54.9091, 38.4060,
75.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	E981E0
RGB	233, 129, 224
RGB Percent	91%, 51%, 88%
CMY	0.0863, 0.4941, 0.1216
CMYK	0.00, 0.45, 0.04, 0.09
HSL	305°, 70%, 71%
HSV	305°, 45%, 91%
XYZ	54.9091, 38.4060, 75.0401
YIQ	170.9260, 31.4890, 51.5930

Conversions

Conversions Part 2

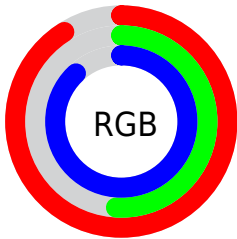
Format	Color
R _Y B	233, 129, 224
Decimal	15303136
CIE Lab	68.32, 52.98, -31.28
CIE LCh	68, 61.530, 329.441
Yxy	38.4060, 0.3262, 0.2281
Android (android.graphics.Color)	4293493216 (0xFFE981E0)
YUV	170.9260, 26.1655, 54.4389
Hunter-Lab	61.9726, 49.7030, -28.4111

Details

The XYZ color **54.9091, 38.4060, 75.0401** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **42.7813, 64.7813, 34.2964**, and the grayscale version is **38.5346, 40.5414, 44.1496**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **27.2632, 16.9733, 38.8850** is the 20% darker color. If you saturate the color by 10%, you get **51.9112, 32.8444, 72.6997**, and if you desaturate by 10%, it is **58.6125, 45.3717, 77.6324**.

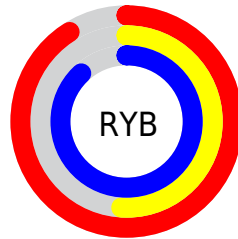
Distribution



Red (91%)

Green (51%)

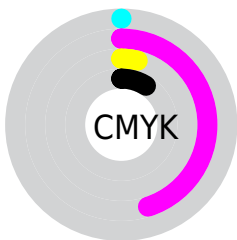
Blue (88%)



Red (91%)

Yellow (51%)

Blue (88%)

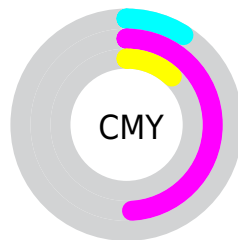


Cyan (0%)

Magenta (45%)

Yellow (4%)

Black (9%)



Cyan (9%)


Magenta (49%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9091, 38.4060, 75.0401 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 54.9091, 38.4060, 75.0401 by changing the saturation by 10% instead.


 54.9091, 38.4060,
75.0401


 54.9091, 38.4060,
75.0401


395.7093,
339.3584, 497.3145


 39.5625, 26.2979,
55.1438

 96.5569, 72.7300,
128.1167

 27.3803, 17.0467,
39.1175


 123.5887, 95.7147,
162.1342

 17.9971, 10.2678,
26.5426


 155.2464,
123.0938, 201.6958

 11.0476, 5.5769,
17.0006

191.8952,
155.2517, 247.2200

 6.1664, 2.5895,
10.0730

233.9006,
192.5727, 299.1254

 2.9881, 0.9214,
5.3411

281.6278,

 1.1475, 0.0000,

235.4412, 357.8307

2.3866

335.4423,
284.2416, 423.7542

■ 0.0643, 0.0000,
0.7791

■ 0.0000, 0.0000,
0.0000

■ 54.9091, 38.4060,
75.0401

■ 54.9091, 38.4060,
75.0401

■ 51.9112, 32.8444,
72.6997

■ 58.6125, 45.3717,
77.6324

■ 49.5667, 28.5854,
70.5927

■ 63.0612, 53.8235,
80.4888

■ 47.8226, 25.5220,
68.7018

■ 68.2966, 63.8435,
83.6235

■ 46.6159, 23.5283,
67.0058

■ 74.3558, 75.5060,
87.0490

45.8695, 22.4501,
65.4791

81.2738, 88.8808,
90.7770

45.5941, 22.1196,
64.7079

84.5196, 94.9058,
93.2972

84.8145, 95.0238,
94.8501

85.1127, 95.1431,
96.4205

85.4143, 95.2637,
98.0084

Harmonies

Analogous

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



46.3959, 38.4060, 107.1961



54.9091, 38.4060, 75.0401



58.3585, 38.4060, 42.3382

Triad

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



54.9091, 38.4060, 75.0401



36.6851, 38.4060, 8.0238



22.6214, 38.4060, 73.7218

Complementary

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



54.9091, 38.4060, 75.0401



42.7813, 64.7813, 34.2964

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.



20.9260, 38.4060, 41.3013



54.9091, 38.4060, 75.0401



28.1282, 38.4060, 10.5267

Square

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



54.9091, 38.4060, 75.0401



46.7648, 38.4060, 10.7348



22.7532, 38.4060, 20.2139



27.8655, 38.4060, 106.2279

Rectangle

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



54.9091, 38.4060, 75.0401



56.9264, 38.4060, 26.5179



22.7532, 38.4060, 20.2139



21.6633, 38.4060, 62.0962

Sweetspot

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



54.9104, 38.4077, 75.0409



84.9129, 80.4595, 103.2591



32.9862, 26.9606, 80.5572



17.8440, 16.5863, 21.9099



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.



54.9104, 38.4077, 75.0409



63.8264, 40.5286, 89.3180



48.9346, 36.0174, 43.5727



15.6553, 15.2900, 18.7361



25.8940, 12.5603, 36.8388



2.0499, 0.9929, 2.9800

Inverse Universe

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



54.9104, 38.4077, 75.0409



63.8264, 40.5286, 89.3180



47.4516, 66.6495, 58.8899



15.6553, 15.2900, 18.7361



25.8940, 12.5603, 36.8388



2.0499, 0.9929, 2.9800

Previews

White Background



This preview shows how the XYZ color 54.9091, 38.4060, 75.0401 looks on a white background.

Color Contrast Check

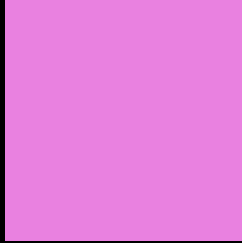
Large Text (above 18pt) WCAG AA × Fail

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 54.9091, 38.4060, 75.0401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

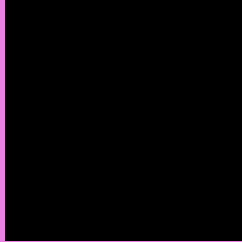
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9091, 38.4060, 75.0401

Background



This preview shows how black text looks on a background with the XYZ color 54.9091, 38.4060, 75.0401.

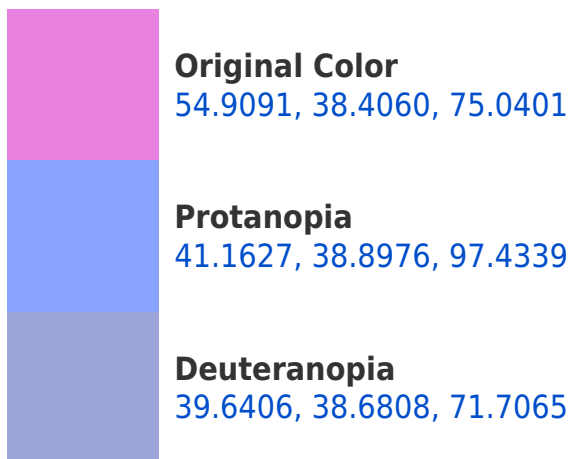


This preview shows how white text looks on a background with the XYZ color 54.9091, 38.4060,

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





Tritanopia

46.9410, 38.3206, 35.9329

Trichromacy



Original Color

54.9091, 38.4060, 75.0401



Protanomaly

44.1069, 37.3147, 88.8822



Deuteranomaly

43.7520, 37.4909, 72.6406



Tritanomaly

49.4657, 38.2545, 47.9567

Monochromacy



Original Color

54.9091, 38.4060, 75.0401



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.4309, 38.9640, 53.9469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9091, 38.4060, 75.0401 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(233, 129, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 129, 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(233, 129, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 129, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.9091, 38.4060, 75.0401 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(233, 129, 224) }
```


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

```
.border{ border-color:rgb(233, 129, 224) }
```

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

Here you see how a box with a 4 pixel rgb(233, 129, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 129, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 129, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 129,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9091, 38.4060, 75.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 129, 224) }
```

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

```
.background{ background-color: rgb(233,  
129, 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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