

Converting Colors

XYZ(54.9648, 41.5853, 58.9343)

Have a look what the booklet for
XYZ(54.9648, 41.5853, 58.9343)
contains.

XYZ(54.9069, 41.4740, 59.1442)	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(54.9069, 41.4740,
59.1442)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8EC7
RGB	237, 142, 199
RGB Percent	93%, 56%, 78%
CMY	0.0706, 0.4431, 0.2196
CMYK	0.00, 0.40, 0.16, 0.07
HSL	324°, 73%, 74%
HSV	324°, 40%, 93%
XYZ	54.9069, 41.4740, 59.1442
YIQ	176.9030, 38.3230, 37.8670

Conversions

Conversions Part 2

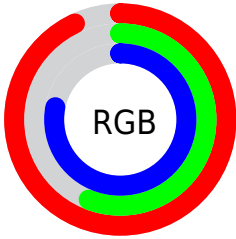
Format	Color
R_{YB}	237, 142, 199
Decimal	15568583
CIE _{Lab}	70.51, 43.55, -14.04
CIE _{LCh}	71, 45.753, 342.135
Yxy	41.4740, 0.3530, 0.2667
Android (android.graphics.Color)	4293758663 (0xFFED8EC7)
YUV	176.9030, 10.8938, 52.7051
Hunter-Lab	64.4003, 39.4863, -9.3708

Details

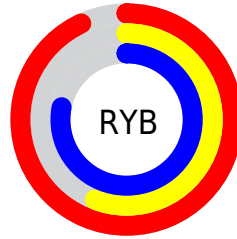
The XYZ color **54.9069, 41.4740, 59.1442** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.6796, 69.6158, 54.0019**, and the grayscale version is **41.6707, 43.8408, 47.7427**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **27.2736, 18.7728, 28.9741** is the 20% darker color. If you saturate the color by 10%, you get **50.6818, 34.7304, 52.4732**, and if you desaturate by 10%, it is **59.9527, 49.7481, 66.4280**.

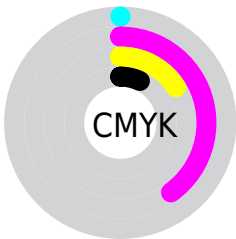
Distribution



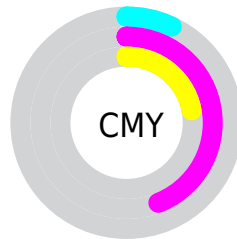
- Red (93%)
- Green (56%)
- Blue (78%)



- Red (93%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9069, 41.4740, 59.1442 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 54.9069, 41.4740, 59.1442 by changing the saturation by 10% instead.


 54.9069, 41.4740,
59.1442


 54.9069, 41.4740,
59.1442


395.7011,
352.2978, 439.1528

 39.5607, 28.6896,
42.3084

 96.5537, 77.4029,
105.1184

 27.3789, 18.8462,
29.0155


 123.5850,
101.3163, 135.0939

 17.9961, 11.5592,
18.8469

155.2420,
129.7081, 170.2864

 11.0468, 6.4443,
11.3840

191.8902,
162.9628, 211.1145

 6.1659, 3.1171,
6.2083

233.8948,
201.4647, 257.9966

 2.9878, 1.1932,
2.9013

281.6213,

 1.1473, 0.0561,

245.5982, 311.3513

1.0445

335.4349,
295.7478, 371.5972

■ 0.0642, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9069, 41.4740,
59.1442

■ 54.9069, 41.4740,
59.1442

■ 50.6818, 34.7304,
52.4732

■ 59.9527, 49.7481,
66.4280

■ 47.2244, 29.4151,
46.3899

■ 65.8603, 59.6347,
74.3430

■ 44.4814, 25.4226,
40.8708

■ 72.6726, 71.2170,
82.9097

■ 42.3901, 22.6302,
35.8885

■ 80.4283, 84.5707,
92.1466

■ 40.8766, 20.8916,
31.4115

■ 87.3820, 96.2033,
101.4775

■ 39.8226, 19.9636,
27.4227

■ 88.7354, 96.7447,
108.6045

Harmonies

Analogous

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



49.9784, 41.4740, 83.5183



54.9069, 41.4740, 59.1442



55.3764, 41.4740, 36.9729

Triad

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



54.9069, 41.4740, 59.1442



36.4472, 41.4740, 15.4955



29.6085, 41.4740, 79.1706

Complementary

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



54.9069, 41.4740, 59.1442



49.6796, 69.6158, 54.0019

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.



26.8669, 41.4740, 54.4702



54.9069, 41.4740, 59.1442



30.4640, 41.4740, 20.8191

Square

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



54.9069, 41.4740, 59.1442



44.0409, 41.4740, 16.0284



27.1587, 41.4740, 33.5715



35.1338, 41.4740, 97.3855

Rectangle

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



54.9069, 41.4740, 59.1442



53.0286, 41.4740, 26.4632



27.1587, 41.4740, 33.5715



28.3646, 41.4740, 71.0673

Sweetspot

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



54.9081, 41.4759, 59.1450



84.1446, 81.2431, 95.8502



43.7833, 35.1659, 84.6016



17.7773, 16.9918, 20.2267



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.



54.9081, 41.4759, 59.1450



60.7180, 42.3838, 63.3970



50.2263, 39.6032, 34.4907



15.4449, 15.2058, 17.6282



21.8080, 10.9259, 15.3222



1.7597, 0.8769, 1.4522

Inverse Universe

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



54.9081, 41.4759, 59.1450



60.7180, 42.3838, 63.3970



55.3753, 71.8940, 83.9948



15.4449, 15.2058, 17.6282



21.8080, 10.9259, 15.3222



1.7597, 0.8769, 1.4522

Previews

White Background



This preview shows how the XYZ color 54.9069, 41.4740, 59.1442 looks on a white background.

Color Contrast Check

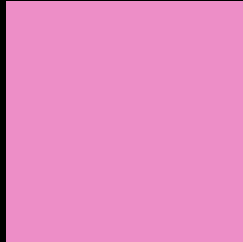
Large Text (above 18pt) WCAG AA × Fail

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 54.9069, 41.4740, 59.1442 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 54.9069, 41.4740, 59.1442

Background



This preview shows how black text looks on a background with the XYZ color 54.9069, 41.4740, 59.1442.



This preview shows how white text looks on a background with the XYZ color 54.9069, 41.4740,

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

54.9069, 41.4740, 59.1442

Protanopia

42.0470, 41.8174, 72.8733

Deuteranopia

42.5626, 41.6036, 56.8259



Tritanopia

50.7847, 41.3917, 39.0310

Trichromacy



Original Color

54.9069, 41.4740, 59.1442



Protanomaly

45.4407, 40.7139, 67.7509



Deuteranomaly

46.4493, 41.1993, 57.7287



Tritanomaly

51.9484, 41.1453, 45.7613

Monochromacy



Original Color

54.9069, 41.4740, 59.1442



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.5856, 42.1958, 51.6409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9069, 41.4740, 59.1442 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, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 199)  
}
```

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, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 199) }
```

Border

The CSS property to change the border of an element to XYZ 54.9069, 41.4740, 59.1442 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, 142, 199) }
```


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

```
.border{ border-color:rgb(237, 142, 199) }
```

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

Here you see how a box with a 4 pixel rgb(237, 142, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9069, 41.4740, 59.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 199) }
```

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

```
.background{ background-color: rgb(237,  
142, 199) }
```

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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