

Converting Colors

XYZ(50.9876, 38.1175, 42.0519)

Have a look what the booklet for
XYZ(50.9876, 38.1175, 42.0519)
contains.

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Color

**XYZ(50.9464, 38.0919,
42.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	EE86A9
RGB	238, 134, 169
RGB Percent	93%, 53%, 66%
CMY	0.0667, 0.4745, 0.3373
CMYK	0.00, 0.44, 0.29, 0.07
HSL	340°, 75%, 73%
HSV	340°, 44%, 93%
XYZ	50.9464, 38.0919, 42.2034
YIQ	169.0860, 50.7490, 32.9330

Conversions

Conversions Part 2

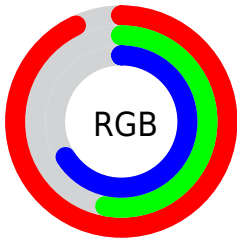
Format	Color
R _Y B	238, 134, 169
Decimal	15632041
CIE Lab	68.09, 43.71, -0.84
CIE LCh	68, 43.717, 358.895
Yxy	38.0919, 0.3882, 0.2902
Android (android.graphics.Color)	4293822121 (0xFFEE86A9)
YUV	169.0860, -0.0424, 60.4376
Hunter-Lab	61.7186, 39.3374, 2.6604

Details

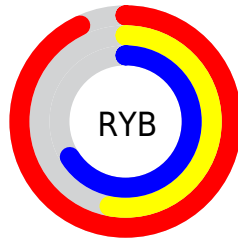
The XYZ color **50.9464, 38.0919, 42.2034** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.1873, 70.5301, 67.4194**, and the grayscale version is **37.7383, 39.7036, 43.2372**.

A 20% lighter version of the original color is **72.8921, 63.0370, 78.8465**, and **24.9757, 16.8725, 18.7700** is the 20% darker color. If you saturate the color by 10%, you get **46.6253, 31.6805, 33.8854**, and if you desaturate by 10%, it is **56.1889, 46.0589, 51.7127**.

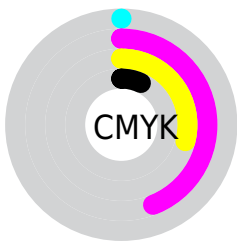
Distribution



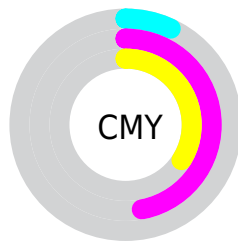
- Red (93%)
- Green (53%)
- Blue (66%)



- Red (93%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9464, 38.0919, 42.2034 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 50.9464, 38.0919, 42.2034 by changing the saturation by 10% instead.


 50.9464, 38.0919,
42.2034

 50.9464, 38.0919,
42.2034


380.7466,
338.0140, 371.1499


 36.3868, 26.0540,
28.9338


 90.7590, 72.2490,
79.7808

 24.9046, 16.8641,
18.7856


 116.7427, 95.1370,
104.9257

 16.1343, 10.1376,
11.3402


 147.2652,
122.4104, 134.8661

 9.7107, 5.4903,
6.1791

182.6918,
154.4538, 170.0206

 5.2684, 2.5377,
2.8838

223.3879,
191.6515, 210.8077

 2.4419, 0.8955,
1.0356

269.7189,

 0.8661, 0.0000,

234.3878, 257.6459

0.0000

322.0500,
283.0472, 310.9538

■ 0.0000, 0.0000,
0.0000

■ 50.9464, 38.0919,
42.2034

■ 50.9464, 38.0919,
42.2034

■ 46.6253, 31.6805,
33.8854

■ 56.1889, 46.0589,
51.7127

■ 43.1657, 26.7160,
26.7062

■ 62.4011, 55.6696,
62.4581

■ 40.5055, 23.0847,
20.6124

■ 69.6318, 67.0118,
74.4844

■ 38.5721, 20.6527,
15.5444

■ 77.9255, 80.1658,
87.8338

■ 37.2782, 19.2580,
11.4352

■ 87.3239, 95.2065,
102.5461

■ 36.7112, 18.7577,
9.2922

■ 89.0700, 96.9172,
108.6201

Harmonies

Analogous

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



48.6205, 38.0919, 64.0345



50.9464, 38.0919, 42.2034



48.9287, 38.0919, 25.8594

Triad

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



50.9464, 38.0919, 42.2034



30.2367, 38.0919, 16.5361



29.8503, 38.0919, 82.6081

Complementary

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



50.9464, 38.0919, 42.2034



51.1873, 70.5301, 67.4194

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.



25.9041, 38.0919, 62.3749



50.9464, 38.0919, 42.2034



26.1067, 38.0919, 24.9555

Square

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



50.9464, 38.0919, 42.2034



36.4584, 38.0919, 14.1361



24.6231, 38.0919, 40.7562



35.9531, 38.0919, 91.4334

Rectangle

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



50.9464, 38.0919, 42.2034



45.5191, 38.0919, 19.1416



24.6231, 38.0919, 40.7562



28.2572, 38.0919, 76.6564

Sweetspot

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



50.9475, 38.0938, 42.2041



82.0302, 79.3064, 88.0788



48.2083, 35.7262, 85.2441



17.1304, 16.3009, 18.1526



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.



50.9475, 38.0938, 42.2041



55.2257, 38.0683, 41.0064



50.4070, 41.5856, 27.9267



15.9922, 15.8466, 17.5153



20.5350, 10.4864, 5.4679



1.7530, 0.8902, 0.6901

Inverse Universe

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



50.9475, 38.0938, 42.2041



55.2257, 38.0683, 41.0064



51.4931, 63.6978, 90.4700



15.9922, 15.8466, 17.5153



20.5350, 10.4864, 5.4679



1.7530, 0.8902, 0.6901

Previews

White Background



This preview shows how the XYZ color 50.9464, 38.0919, 42.2034 looks on a white background.

Color Contrast Check

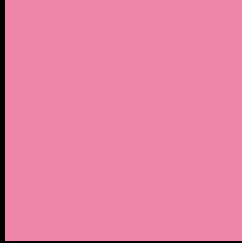
Large Text (above 18pt) WCAG AA × Fail

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 50.9464, 38.0919, 42.2034 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 50.9464, 38.0919, 42.2034

Background



This preview shows how black text looks on a background with the XYZ color 50.9464, 38.0919, 42.2034.



This preview shows how white text looks on a background with the XYZ color 50.9464, 38.0919,

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

50.9464, 38.0919, 42.2034

Protanopia

37.6365, 38.3276, 52.9913

Deuteranopia

38.9741, 38.2374, 40.4483



Tritanopia

49.0258, 38.1479, 32.7963

Trichromacy



Original Color

50.9464, 38.0919, 42.2034



Protanomaly

41.1313, 37.3945, 48.7661



Deuteranomaly

42.5781, 37.5829, 41.0865



Tritanomaly

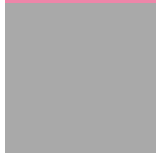
49.8715, 38.2961, 36.2159

Monochromacy



Original Color

50.9464, 38.0919, 42.2034



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

41.2980, 38.1108, 42.7156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9464, 38.0919, 42.2034 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(238, 134, 169)` looks like.

```
.text, #text, p{  
    color:rgb(238, 134, 169)  
}
```

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(238, 134, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 134, 169) }
```

Border

The CSS property to change the border of an element to XYZ 50.9464, 38.0919, 42.2034 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(238, 134, 169) }
```


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

```
.border{ border-color:rgb(238, 134, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 134, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 134, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 134, 169);  
box-shadow:4px 4px 4px 4px rgb(238, 134,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9464, 38.0919, 42.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 134, 169) }
```

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

```
.background{ background-color: rgb(238,  
134, 169) }
```

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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