

Converting Colors

XYZ(50.4888, 38.6761, 38.8094)

Have a look what the booklet for
XYZ(50.4888, 38.6761, 38.8094)
contains.

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Color

**XYZ(50.5351, 38.7901,
39.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8AA2
RGB	237, 138, 162
RGB Percent	93%, 54%, 64%
CMY	0.0706, 0.4588, 0.3647
CMYK	0.00, 0.42, 0.32, 0.07
HSL	345°, 73%, 74%
HSV	345°, 42%, 93%
XYZ	50.5351, 38.7901, 39.0062
YIQ	170.3370, 51.3000, 28.4520

Conversions

Conversions Part 2

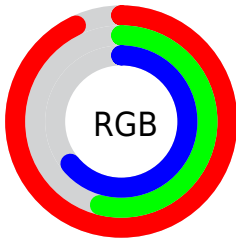
Format	Color
R _Y B	237, 138, 162
Decimal	15567522
CIE Lab	68.60, 40.41, 3.82
CIE LCh	69, 40.591, 5.396
Yxy	38.7901, 0.3938, 0.3023
Android (android.graphics.Color)	4293757602 (0xFFED8AA2)
YUV	170.3370, -4.1101, 58.4635
Hunter-Lab	62.2817, 35.8412, 6.4647

Details

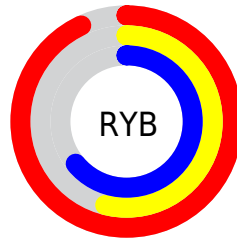
The XYZ color **50.5351, 38.7901, 39.0062** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.7774, 70.7766, 73.8340**, and the grayscale version is **38.3796, 40.3783, 43.9720**.

A 20% lighter version of the original color is **72.8343, 64.4097, 74.2392**, and **24.7874, 17.3870, 17.0885** is the 20% darker color. If you saturate the color by 10%, you get **46.0145, 32.1234, 30.1790**, and if you desaturate by 10%, it is **56.0275, 47.0354, 49.2825**.

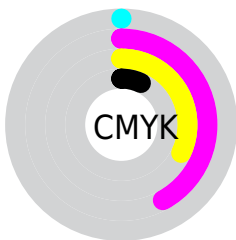
Distribution



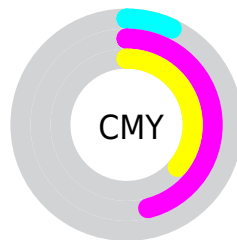
- Red (93%)
- Green (54%)
- Blue (64%)



- Red (93%)
- Yellow (54%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5351, 38.7901, 39.0062 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 50.5351, 38.7901, 39.0062 by changing the saturation by 10% instead.


 50.5351, 38.7901,
39.0062


 50.5351, 38.7901,
39.0062


379.1723,
340.9973, 357.3436


 36.0583, 26.5965,
26.4567


 90.1543, 73.3176,
74.8682

 24.6495, 17.2704,
16.9368


 116.0274, 96.4202,
99.0178

 15.9435, 10.4275,
10.0279


 146.4299,
123.9279, 127.8712

 9.5748, 5.6833,
5.3116

181.7273,
156.2252, 161.8469

 5.1780, 2.6535,
2.3693

222.2849,
193.6963, 201.3634

 2.3879, 0.9536,
0.7697

268.4680,

 0.8391, 0.0000,

236.7258, 246.8394

0.0000

320.6421,
285.6980, 298.6933

■ 0.0000, 0.0000,
0.0000

■ 50.5351, 38.7901,
39.0062

■ 50.5351, 38.7901,
39.0062

■ 46.0145, 32.1234,
30.1790

■ 56.0275, 47.0354,
49.2825

■ 42.4043, 26.9283,
22.7319

■ 62.5421, 56.9459,
61.0682

■ 39.6406, 23.0933,
16.5931

■ 70.1292, 68.6087,
74.4225

■ 37.6496, 20.4886,
11.6832

■ 78.8351, 82.1032,
89.4010

■ 36.3436, 18.9584,
7.9130

■ 88.2207, 96.5388,
105.8956

■ 35.6748, 18.3044,
5.5822

■ 88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



49.2343, 38.7901, 58.6837



50.5351, 38.7901, 39.0062



47.8437, 38.7901, 24.9271

Triad

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



50.5351, 38.7901, 39.0062



30.1873, 38.7901, 19.5194



31.9765, 38.7901, 83.0914

Complementary

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



50.5351, 38.7901, 39.0062



52.7774, 70.7766, 73.8340

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.



27.7154, 38.7901, 66.1288



50.5351, 38.7901, 39.0062



26.7693, 38.7901, 29.1901

Square

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



50.5351, 38.7901, 39.0062



35.7232, 38.7901, 15.9586



25.9194, 38.7901, 45.6390



38.0387, 38.7901, 87.9652

Rectangle

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



50.5351, 38.7901, 39.0062



44.3124, 38.7901, 19.3530



25.9194, 38.7901, 45.6390



30.3093, 38.7901, 78.4147

Sweetspot

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



50.5362, 38.7920, 39.0069



81.5882, 79.1296, 85.7517



51.5995, 38.3277, 84.7992



17.0223, 16.2576, 17.5831



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.



50.5362, 38.7920, 39.0069



55.1005, 39.0508, 37.1639



52.5667, 45.9471, 30.1453



15.2151, 15.1139, 16.4183



19.5202, 10.0108, 3.2749



1.5698, 0.8009, 0.4519

Inverse Universe

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



50.5362, 38.7920, 39.0069



55.1005, 39.0508, 37.1639



49.3748, 58.7311, 88.8548



15.2151, 15.1139, 16.4183



19.5202, 10.0108, 3.2749



1.5698, 0.8009, 0.4519

Previews

White Background



This preview shows how the XYZ color 50.5351, 38.7901, 39.0062 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 50.5351, 38.7901, 39.0062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

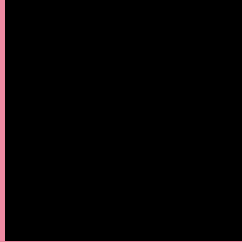
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5351, 38.7901, 39.0062

Background



This preview shows how black text looks on a background with the XYZ color 50.5351, 38.7901, 39.0062.



This preview shows how white text looks on a background with the XYZ color 50.5351, 38.7901,

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

50.5351, 38.7901, 39.0062

Protanopia

38.1038, 39.2169, 48.2092

Deuteranopia

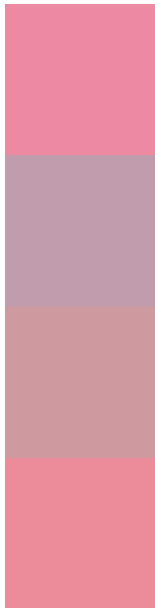
39.8309, 39.0006, 37.7763



Tritanopia

49.4752, 38.7910, 33.7340

Trichromacy



Original Color

50.5351, 38.7901, 39.0062

Protanomaly

41.4236, 38.1315, 44.7120

Deuteranomaly

43.1028, 38.4075, 37.9425

Tritanomaly

49.6574, 38.6312, 35.4112

Monochromacy



Original Color

50.5351, 38.7901, 39.0062

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.4500, 38.7131, 41.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5351, 38.7901, 39.0062 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, 138, 162)` looks like.

```
.text, #text, p{  
    color:rgb(237, 138, 162)  
}
```

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, 138, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 138, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.5351, 38.7901, 39.0062 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, 138, 162) }
```


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

```
.border{ border-color:rgb(237, 138, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 138, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 138, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 138, 162);  
box-shadow:4px 4px 4px 4px rgb(237, 138,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5351, 38.7901, 39.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 138, 162) }
```

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

```
.background{ background-color: rgb(237,  
138, 162) }
```

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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