

Converting Colors

XYZ(50.4550, 38.0642, 57.9731)

Have a look what the booklet for
XYZ(50.4550, 38.0642, 57.9731)
contains.

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Color

**XYZ(50.5027, 38.1373,
58.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	E289C6
RGB	226, 137, 198
RGB Percent	89%, 54%, 78%
CMY	0.1137, 0.4627, 0.2235
CMYK	0.00, 0.39, 0.12, 0.11
HSL	319°, 61%, 71%
HSV	319°, 39%, 89%
XYZ	50.5027, 38.1373, 58.1255
YIQ	170.5650, 33.4630, 37.8390

Conversions

Conversions Part 2

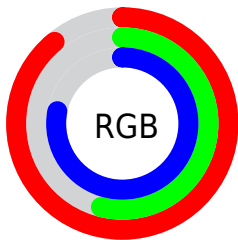
Format	Color
R _Y B	226, 137, 198
Decimal	14846406
CIE Lab	68.12, 42.38, -17.21
CIE LCh	68, 45.741, 337.905
Yxy	38.1373, 0.3441, 0.2599
Android (android.graphics.Color)	4293036486 (0xFFE289C6)
YUV	170.5650, 13.5255, 48.6165
Hunter-Lab	61.7554, 37.9028, -12.5762

Details

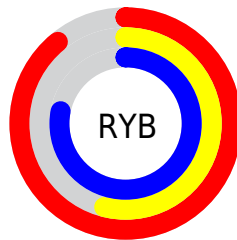
The XYZ color **50.5027, 38.1373, 58.1255** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **44.3061, 62.4288, 45.3148**, and the grayscale version is **38.4144, 40.4150, 44.0119**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **24.6447, 16.9456, 28.3575** is the 20% darker color. If you saturate the color by 10%, you get **46.8193, 32.0520, 52.9459**, and if you desaturate by 10%, it is **54.8997, 45.5872, 63.7337**.

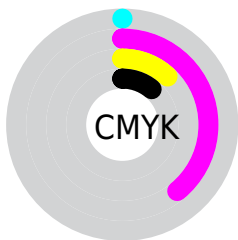
Distribution



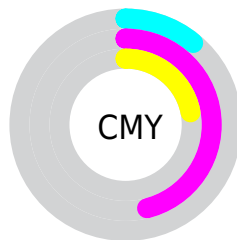
- Red (89%)
- Green (54%)
- Blue (78%)



- Red (89%)
- Yellow (54%)
- Blue (78%)



- Cyan (0%)
- Magenta (39%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5027, 38.1373, 58.1255 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 50.5027, 38.1373, 58.1255 by changing the saturation by 10% instead.


 50.5027, 38.1373,
58.1255


 50.5027, 38.1373,
58.1255

379.0481,
338.2086, 435.2647


 36.0324, 26.0893,
41.4942


 90.1066, 72.3185,
103.6222

 24.6295, 16.8904,
28.3828


 115.9710, 95.2205,
133.3246

 15.9285, 10.1564,
18.3729


 146.3641,
122.5093, 168.2212

 9.5641, 5.5028,
11.0458

181.6513,
154.5692, 208.7304

 5.1709, 2.5452,
5.9831

222.1979,
191.7847, 255.2708

 2.3837, 0.8992,
2.7662

268.3694,

 0.8370, 0.0000,

234.5402, 308.2610

0.9765

320.5310,
283.2200, 368.1194

■ 0.0000, 0.0000,
0.0000

■ 50.5027, 38.1373,
58.1255

■ 50.5027, 38.1373,
58.1255

■ 46.8193, 32.0520,
52.9459

■ 54.8997, 45.5872,
63.7337

■ 43.8032, 27.2410,
48.1758

■ 60.0461, 54.4738,
69.7839

■ 41.4079, 23.6116,
43.7974


■ 65.9792, 64.8707,
76.2913


■ 39.5791, 21.0561,
39.7899


■ 72.7329, 76.8447,
83.2696


■ 38.2525, 19.4470,
36.1292


■ 80.3389, 90.4587,
90.7319


 37.3243, 18.5773,
32.7778

 82.9513, 94.0197,
96.7317

 37.2719, 18.5319,
32.5769

 84.0326, 94.4522,
102.4257

 85.1557, 94.9015,
108.3403

 85.1743, 94.9089,
108.4378

Harmonies

Analogous

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



45.3462, 38.1373, 80.8783



50.5027, 38.1373, 58.1255



51.6048, 38.1373, 36.3529

Triad

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



50.5027, 38.1373, 58.1255



34.3943, 38.1373, 13.5007



26.4659, 38.1373, 70.6401

Complementary

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



50.5027, 38.1373, 58.1255



44.3061, 62.4288, 45.3148

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.



24.2876, 38.1373, 47.1659



50.5027, 38.1373, 58.1255



28.4568, 38.1373, 17.5997

Square

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



50.5027, 38.1373, 58.1255



41.6572, 38.1373, 14.7236



24.9654, 38.1373, 28.4307



31.3293, 38.1373, 89.6012

Rectangle

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



50.5027, 38.1373, 58.1255



49.7733, 38.1373, 25.7185



24.9654, 38.1373, 28.4307



25.4265, 38.1373, 62.7593

Sweetspot

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



50.5039, 38.1391, 58.1263



84.5417, 81.4019, 97.9410



37.9229, 31.2450, 75.9842



17.8710, 17.0293, 20.7198



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.



50.5039, 38.1391, 58.1263



62.4874, 43.6548, 70.9779



46.2107, 36.4218, 35.5190



14.1019, 13.8584, 16.3067



21.3194, 10.5948, 18.8796



1.5177, 0.7503, 1.5189

Inverse Universe

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



50.5039, 38.1391, 58.1263



62.4874, 43.6548, 70.9779



48.9240, 64.2760, 69.6327



14.1019, 13.8584, 16.3067



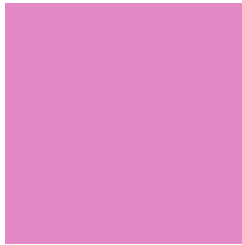
21.3194, 10.5948, 18.8796



1.5177, 0.7503, 1.5189

Previews

White Background



This preview shows how the XYZ color 50.5027, 38.1373, 58.1255 looks on a white background.

Color Contrast Check

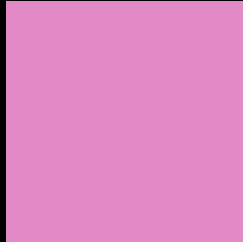
Large Text (above 18pt) WCAG AA × Fail

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 50.5027, 38.1373, 58.1255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

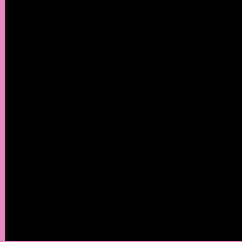
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5027, 38.1373, 58.1255

Background



This preview shows how black text looks on a background with the XYZ color 50.5027, 38.1373, 58.1255.



This preview shows how white text looks on a background with the XYZ color 50.5027, 38.1373,

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

50.5027, 38.1373, 58.1255

Protanopia

38.9284, 38.5954, 71.0436

Deuteranopia

39.1235, 38.2370, 55.7705



Tritanopia

45.9449, 38.0233, 36.3701

Trichromacy



Original Color

50.5027, 38.1373, 58.1255



Protanomaly

41.9446, 37.6795, 66.0349



Deuteranomaly

42.4768, 37.6697, 56.6620



Tritanomaly

47.4551, 37.9743, 43.3567

Monochromacy



Original Color

50.5027, 38.1373, 58.1255



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.2245, 39.2088, 49.0587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5027, 38.1373, 58.1255 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(226, 137, 198)` looks like.

```
.text, #text, p{  
    color:rgb(226, 137, 198)  
}
```

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(226, 137, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 137, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.5027, 38.1373, 58.1255 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(226, 137, 198) }
```


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

```
.border{ border-color:rgb(226, 137, 198) }
```

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

Here you see how a box with a 4 pixel rgb(226, 137, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 137, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 137, 198);  
box-shadow:4px 4px 4px 4px rgb(226, 137,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5027, 38.1373, 58.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 137, 198) }
```

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

```
.background{ background-color: rgb(226,  
137, 198) }
```

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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