

Converting Colors

XYZ(50.8119, 42.0734, 63.3405)

Have a look what the booklet for
XYZ(50.8119, 42.0734, 63.3405)
contains.

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Color

**XYZ(50.8939, 42.1179,
63.2048)**

Conversions

Conversions Part 1

Format	Color
Hex	D89ACD
RGB	216, 154, 205
RGB Percent	85%, 60%, 80%
CMY	0.1529, 0.3961, 0.1961
CMYK	0.00, 0.29, 0.05, 0.15
HSL	311°, 44%, 73%
HSV	311°, 29%, 85%
XYZ	50.8939, 42.1179, 63.2048
YIQ	178.3520, 20.5810, 29.0050

Conversions

Conversions Part 2

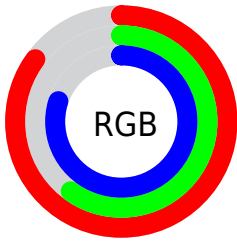
Format	Color
R _Y B	216, 154, 205
Decimal	14195405
CIE Lab	70.95, 31.22, -16.92
CIE LCh	71, 35.514, 331.548
Yxy	42.1179, 0.3258, 0.2696
Android (android.graphics.Color)	4292385485 (0xFFD89ACD)
YUV	178.3520, 13.1375, 33.0173
Hunter-Lab	64.8983, 26.4095, -12.3140

Details

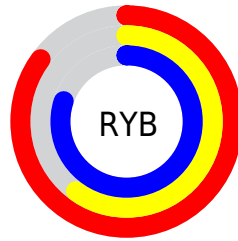
The XYZ color **50.8939, 42.1179, 63.2048** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.6755, 58.6995, 44.5752**, and the grayscale version is **42.4293, 44.6389, 48.6118**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **24.8345, 19.2107, 31.6773** is the 20% darker color. If you saturate the color by 10%, you get **47.1879, 35.4366, 59.7152**, and if you desaturate by 10%, it is **55.2552, 50.0903, 66.9697**.

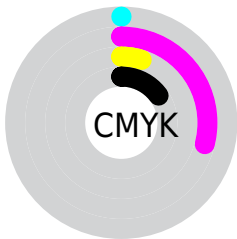
Distribution



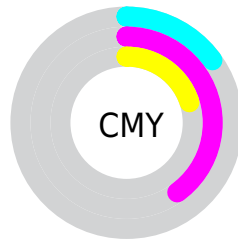
- Red (85%)
- Green (60%)
- Blue (80%)



- Red (85%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8939, 42.1179, 63.2048 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 50.8939, 42.1179, 63.2048 by changing the saturation by 10% instead.

50.8939, 42.1179,
63.2048

50.8939, 42.1179,
63.2048

380.5459,
354.9714, 454.4408

36.3449, 29.1936,
45.5648

90.6818, 78.3780,
111.0533

24.8720, 19.2273,
31.5564

116.6515,
102.4827, 142.0990

16.1099, 11.8347,
20.7609

147.1587,
131.0829, 178.4504

9.6933, 6.6312,
12.7598

182.5688,
164.5631, 220.5259

5.2568, 3.2325,
7.1346

223.2473,
203.3076, 268.7441

2.4350, 1.2543,
3.4667

269.5594,

0.8626, 0.1054,

247.7010, 323.5237

1.3376

321.8704,
298.1274, 385.2830

■ 0.0000, 0.0000,
0.0923

■ 0.0000, 0.0000,
0.0000

■ 50.8939, 42.1179,
63.2048

■ 50.8939, 42.1179,
63.2048

■ 47.1879, 35.4366,
59.7152

■ 55.2552, 50.0903,
66.9697

■ 44.0989, 29.9721,
56.4863

■ 60.3000, 59.4120,
71.0183

■ 41.5905, 25.6507,
53.5060

■ 66.0592, 70.1443,
75.3617

■ 39.6208, 22.3890,
50.7601

■ 72.5609, 82.3431,
80.0097

38.1421, 20.0917,
48.2321

77.5559, 91.5098,
84.2129

37.0983, 18.6468,
45.9030

78.0822, 91.7203,
86.9844

36.4029, 17.8813,
43.7436

78.6203, 91.9355,
89.8180

36.3225, 17.8004,
43.4704

79.1703, 92.1555,
92.7141

79.7322, 92.3803,
95.6731

Harmonies

Analogous

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



46.2860, 42.1179, 79.6180



50.8939, 42.1179, 63.2048



52.5191, 42.1179, 44.9845

Triad

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



50.8939, 42.1179, 63.2048



39.7252, 42.1179, 20.3860



31.0959, 42.1179, 65.1121

Complementary

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



50.8939, 42.1179, 63.2048



44.6755, 58.6995, 44.5752

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.



29.6996, 42.1179, 46.7452



50.8939, 42.1179, 63.2048



34.3680, 42.1179, 23.3147

Square

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



50.8939, 42.1179, 63.2048



45.7019, 42.1179, 22.7584



30.8368, 42.1179, 32.0185



34.8512, 42.1179, 80.8964

Rectangle

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



50.8939, 42.1179, 63.2048



51.5766, 42.1179, 34.9004



30.8368, 42.1179, 32.0185



30.3527, 42.1179, 58.9009

Sweetspot

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



50.8952, 42.1198, 63.2057



87.5119, 85.9619, 103.1872



39.3309, 35.9993, 69.8420



18.4877, 17.9480, 21.8958



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.



50.8952, 42.1198, 63.2057



70.9694, 55.6447, 89.1399



47.5811, 40.7942, 45.7542



12.8541, 12.5931, 15.1717



21.5352, 10.5504, 25.9200



1.3242, 0.6465, 1.6968

Inverse Universe

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



50.8952, 42.1198, 63.2057



70.9694, 55.6447, 89.1399



47.7718, 59.9381, 60.8803



12.8541, 12.5931, 15.1717



21.5352, 10.5504, 25.9200



1.3242, 0.6465, 1.6968

Previews

White Background



This preview shows how the XYZ color 50.8939, 42.1179, 63.2048 looks on a white background.

Color Contrast Check

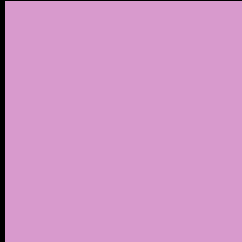
Large Text (above 18pt) WCAG AA × Fail

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 50.8939, 42.1179, 63.2048 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 50.8939, 42.1179, 63.2048

Background



This preview shows how black text looks on a background with the XYZ color 50.8939, 42.1179, 63.2048.



This preview shows how white text looks on a background with the XYZ color 50.8939, 42.1179,

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

50.8939, 42.1179, 63.2048

Protanopia

42.3812, 42.3013, 71.5769

Deuteranopia

43.1669, 42.3608, 61.7784



Tritanopia

47.1686, 42.1172, 44.6731

Trichromacy



Original Color

50.8939, 42.1179, 63.2048

Protanomaly

44.7568, 41.6594, 68.6329

Deuteranomaly

45.5408, 41.9391, 62.1947

Tritanomaly

48.3192, 42.0605, 50.9192

Monochromacy



Original Color

50.8939, 42.1179, 63.2048

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.0033, 43.2132, 53.5460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8939, 42.1179, 63.2048 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(216, 154, 205)` looks like.

```
.text, #text, p{  
    color:rgb(216, 154, 205)  
}
```

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(216, 154, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 154, 205) }
```

Border

The CSS property to change the border of an element to XYZ 50.8939, 42.1179, 63.2048 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(216, 154, 205) }
```


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

```
.border{ border-color:rgb(216, 154, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 154, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 154, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 154, 205);  
box-shadow:4px 4px 4px 4px rgb(216, 154,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8939, 42.1179, 63.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 154, 205) }
```

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

```
.background{ background-color: rgb(216,  
154, 205) }
```

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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