

Converting Colors

XYZ(38.9464, 23.8645, 50.6798)

Have a look what the booklet for
XYZ(38.9464, 23.8645, 50.6798)
contains.

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Color

**XYZ(39.0121, 23.8728,
50.6958)**

Conversions

Conversions Part 1

Format	Color
Hex	D255BD
RGB	210, 85, 189
RGB Percent	82%, 33%, 74%
CMY	0.1765, 0.6666, 0.2588
CMYK	0.00, 0.60, 0.10, 0.18
HSL	310°, 58%, 58%
HSV	310°, 60%, 82%
XYZ	39.0121, 23.8728, 50.6958
YIQ	134.2310, 41.1160, 58.8440

Conversions

Conversions Part 2

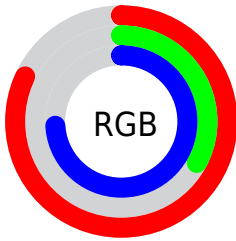
Format	Color
R_{YB}	210, 85, 189
Decimal	13784509
CIE _{Lab}	55.96, 61.41, -30.94
CIE _{LCh}	56, 68.766, 333.258
Yxy	23.8728, 0.3435, 0.2102
Android (android.graphics.Color)	4291974589 (0xFFD255BD)
YUV	134.2310, 27.0011, 66.4494
Hunter-Lab	48.8598, 57.0187, -27.3161

Details

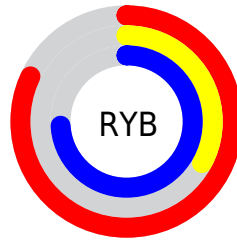
The XYZ color **39.0121, 23.8728, 50.6958** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **29.3956, 49.0659, 21.5589**, and the grayscale version is **22.6392, 23.8182, 25.9380**.

A 20% lighter version of the original color is **67.3994, 46.9636, 92.7013**, and **17.5902, 8.9610, 23.7242** is the 20% darker color. If you saturate the color by 10%, you get **37.2192, 20.8920, 48.2316**, and if you desaturate by 10%, it is **41.3064, 27.8404, 53.3735**.

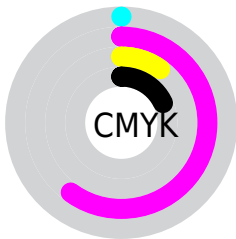
Distribution



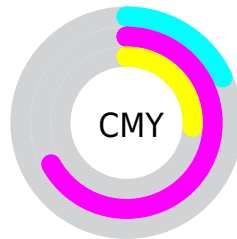
- Red (82%)
- Green (33%)
- Blue (74%)



- Red (82%)
- Yellow (33%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (67%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0121, 23.8728, 50.6958 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 39.0121, 23.8728, 50.6958 by changing the saturation by 10% instead.


 39.0121, 23.8728,
50.6958


 39.0121, 23.8728,
50.6958


333.1482,
272.1768, 406.1935


 26.9499, 15.2393,
35.5915

 72.9508, 49.8225,
92.6118


 17.6720, 8.9875,
23.8317


 95.5579, 67.9076,
120.2607

 10.8130, 4.7330,
14.9978


 122.4108, 89.9119,
152.9282

 6.0076, 2.0915,
8.6712

 153.8747,
116.2199, 191.0328

 2.8904, 0.6598,
4.4335

190.3151,
147.2160, 234.9931

 1.0961, 0.0000,
1.8660

232.0972,

 0.0218, 0.0000,

183.2846, 285.2276

0.4710

279.5865,
224.8100, 342.1549

■ 0.0000, 0.0000,
0.0000

■ 39.0121, 23.8728,
50.6958

■ 39.0121, 23.8728,
50.6958

■ 37.2192, 20.8920,
48.2316

■ 41.3064, 27.8404,
53.3735

■ 35.8804, 18.8050,
45.9643

■ 44.1391, 32.8704,
56.2767

■ 34.9433, 17.5069,
43.8761

■ 47.5464, 39.0345,
59.4181

■ 34.3163, 16.8143,
41.9364

■ 51.5608, 46.3975,
62.8088

■ 34.2888, 16.7858,
41.8454

■ 56.2122, 55.0192,
66.4590

■ 61.5286, 64.9554,
70.3784

■ 67.5362, 76.2586,
74.5761

■ 74.2599, 88.9784,
79.0606

■ 75.3570, 90.4291,
81.7180

Harmonies

Analogous

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



32.0136, 23.8728, 81.4741



39.0121, 23.8728, 50.6958



41.3386, 23.8728, 23.6140

Triad

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



39.0121, 23.8728, 50.6958



21.8436, 23.8728, 2.3160



12.2657, 23.8728, 57.6303

Complementary

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



39.0121, 23.8728, 50.6958



29.3956, 49.0659, 21.5589

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.



10.7122, 23.8728, 28.5276



39.0121, 23.8728, 50.6958



15.3796, 23.8728, 4.0145

Square

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



39.0121, 23.8728, 50.6958



30.1813, 23.8728, 3.3482



11.7053, 23.8728, 10.9921



16.5544, 23.8728, 86.8483

Rectangle

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



39.0121, 23.8728, 50.6958



39.5714, 23.8728, 12.3896



11.7053, 23.8728, 10.9921



11.4576, 23.8728, 47.0674

Sweetspot

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



39.0129, 23.8739, 50.6963



80.8981, 73.6432, 98.1799



20.8067, 14.2056, 62.6185



16.8935, 14.9844, 20.6711



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.



39.0129, 23.8739, 50.6963



57.2190, 31.5643, 74.0121



33.6369, 21.7235, 22.3868



12.2220, 11.9735, 14.4446



20.9478, 10.2520, 25.6949



1.1944, 0.5825, 1.5587

Inverse Universe

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



39.0129, 23.8739, 50.6963



57.2190, 31.5643, 74.0121



33.8929, 50.8648, 45.2417



12.2220, 11.9735, 14.4446



20.9478, 10.2520, 25.6949



1.1944, 0.5825, 1.5587

Previews

White Background



This preview shows how the XYZ color 39.0121, 23.8728, 50.6958 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0121, 23.8728, 50.6958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

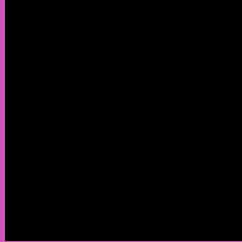
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.0121, 23.8728, 50.6958

Background



This preview shows how black text looks on a background with the XYZ color 39.0121, 23.8728, 50.6958.



This preview shows how white text looks on a background with the XYZ color 39.0121, 23.8728,

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

39.0121, 23.8728, 50.6958

Protanopia

26.7360, 24.2137, 76.6634

Deuteranopia

24.6132, 24.1762, 47.0853



Tritanopia

32.3333, 23.8296, 18.2246

Trichromacy



Original Color

39.0121, 23.8728, 50.6958

Protanomaly

28.3083, 22.1239, 66.3967

Deuteranomaly

28.0340, 22.7238, 48.2560

Tritanomaly

34.2781, 23.6080, 27.5611

Monochromacy



Original Color

39.0121, 23.8728, 50.6958

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.9784, 22.5053, 33.4939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0121, 23.8728, 50.6958 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(210, 85, 189)` looks like.

```
.text, #text, p{  
    color:rgb(210, 85, 189)  
}
```

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(210, 85, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 85, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.0121, 23.8728, 50.6958 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(210, 85, 189) }
```


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

```
.border{ border-color:rgb(210, 85, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 85, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 85, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 85, 189);  
box-shadow:4px 4px 4px 4px rgb(210, 85,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0121, 23.8728, 50.6958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 85, 189) }
```

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

```
.background{ background-color: rgb(210, 85,  
189) }
```

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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