

Converting Colors

XYZ(39.5157, 25.9610, 47.9407)

Have a look what the booklet for
XYZ(39.5157, 25.9610, 47.9407)
contains.

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Color

**XYZ(39.5874, 26.0442,
47.7403)**

Conversions

Conversions Part 1

Format	Color
Hex	D263B7
RGB	210, 99, 183
RGB Percent	82%, 39%, 72%
CMY	0.1765, 0.6117, 0.2824
CMYK	0.00, 0.53, 0.13, 0.18
HSL	315°, 55%, 61%
HSV	315°, 53%, 82%
XYZ	39.5874, 26.0442, 47.7403
YIQ	141.7650, 39.1920, 49.6560

Conversions

Conversions Part 2

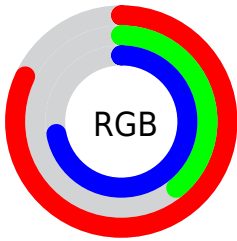
Format	Color
R _{YB}	210, 99, 183
Decimal	13788087
CIE Lab	58.08, 54.10, -24.22
CIE LCh	58, 59.269, 335.883
Yxy	26.0442, 0.3492, 0.2297
Android (android.graphics.Color)	4291978167 (0xFFD263B7)
YUV	141.7650, 20.3289, 59.8421
Hunter-Lab	51.0335, 49.1562, -19.7405

Details

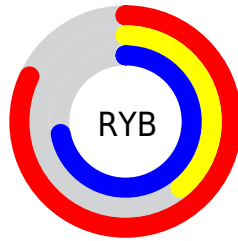
The XYZ color **39.5874, 26.0442, 47.7403** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.9593, 50.2530, 27.7560**, and the grayscale version is **25.5307, 26.8603, 29.2509**.

A 20% lighter version of the original color is **68.3756, 50.6032, 87.8250**, and **18.0668, 10.1854, 22.1328** is the 20% darker color. If you saturate the color by 10%, you get **37.3284, 22.3614, 44.4115**, and if you desaturate by 10%, it is **42.3846, 30.7716, 51.3442**.

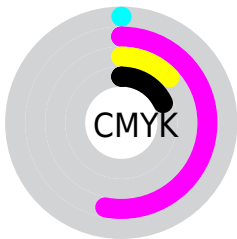
Distribution



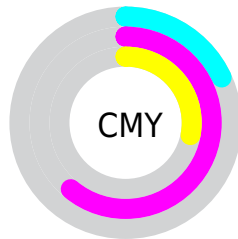
- Red (82%)
- Green (39%)
- Blue (72%)



- Red (82%)
- Yellow (39%)
- Blue (72%)



- Cyan (0%)
- Magenta (53%)
- Yellow (13%)
- Black (18%)





- Cyan (18%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5874, 26.0442, 47.7403 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 39.5874, 26.0442, 47.7403 by changing the saturation by 10% instead.


 39.5874, 26.0442,
47.7403


 39.5874, 26.0442,
47.7403

335.5458,
282.9990, 394.2408


 27.3998, 16.8567,
33.2627


 73.8232, 53.3462,
88.1791


 18.0118, 10.1324,
22.0550


 96.6020, 72.2296,
114.9775

 11.0582, 5.4868,
13.6986


 123.6419, 95.1137,
146.7199

 6.1736, 2.5356,
7.7750

 155.3083,
122.3829, 183.8248

 2.9926, 0.8944,
3.8656

191.9666,
154.4216, 226.7108

 1.1498, 0.0000,
1.5519

233.9820,

 0.0662, 0.0000,

191.6143, 275.7964

0.2562

281.7199,
234.3453, 331.5003

■ 0.0000, 0.0000,
0.0000

■ 39.5874, 26.0442,
47.7403

■ 39.5874, 26.0442,
47.7403

■ 37.3284, 22.3614,
44.4115

■ 42.3846, 30.7716,
51.3442

■ 35.5639, 19.6373,
41.3415

■ 45.7542, 36.6132,
55.2348

■ 34.2473, 17.7789,
38.5141

■ 49.7306, 43.6368,
59.4249

■ 33.3216, 16.6724,
35.9092

■ 54.3446, 51.9037,
63.9257

■ 32.8293, 16.2021,
34.1601

■ 59.6249, 61.4712,
68.7476

■ 65.5985, 72.3927,
73.9006

■ 72.2907, 84.7189,
79.3940

■ 75.7751, 90.5964,
83.9200

■ 76.4781, 90.8775,
87.6215

Harmonies

Analogous

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



33.7447, 26.0442, 73.8763



39.5874, 26.0442, 47.7403



41.1538, 26.0442, 24.5008

Triad

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



39.5874, 26.0442, 47.7403



23.3681, 26.0442, 4.4257



15.1812, 26.0442, 58.3612

Complementary

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



39.5874, 26.0442, 47.7403



31.9593, 50.2530, 27.7560

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.



13.4183, 26.0442, 32.5996



39.5874, 26.0442, 47.7403



17.5218, 26.0442, 6.8908

Square

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



39.5874, 26.0442, 47.7403



30.8246, 26.0442, 5.4322



14.1840, 26.0442, 15.0922



19.5382, 26.0442, 81.8052

Rectangle

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



39.5874, 26.0442, 47.7403



39.3424, 26.0442, 14.3796



14.1840, 26.0442, 15.0922



14.3082, 26.0442, 49.3179

Sweetspot

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



39.5882, 26.0454, 47.7408



81.8301, 76.0516, 96.8129



24.5389, 17.9307, 63.1409



17.1933, 15.7012, 20.4094



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.



39.5882, 26.0454, 47.7408



57.6584, 34.2816, 68.4903



34.9771, 24.2010, 23.4590



12.1827, 11.9578, 14.2381



20.0667, 9.8995, 21.0551



1.1522, 0.5656, 1.3362

Inverse Universe

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



39.5882, 26.0454, 47.7408



57.6584, 34.2816, 68.4903



36.4722, 52.0582, 51.5210



12.1827, 11.9578, 14.2381



20.0667, 9.8995, 21.0551



1.1522, 0.5656, 1.3362

Previews

White Background



This preview shows how the XYZ color 39.5874, 26.0442, 47.7403 looks on a white background.

Color Contrast Check

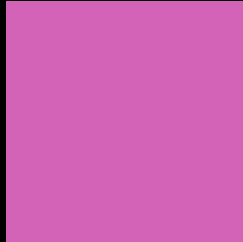
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5874, 26.0442, 47.7403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

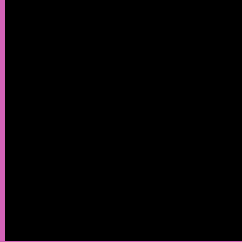
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5874, 26.0442, 47.7403

Background



This preview shows how black text looks on a background with the XYZ color 39.5874, 26.0442, 47.7403.



This preview shows how white text looks on a background with the XYZ color 39.5874, 26.0442,

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

39.5874, 26.0442, 47.7403

Protanopia

28.0381, 26.5585, 66.5993

Deuteranopia

26.8731, 26.2165, 45.2389



Tritanopia

33.9849, 25.8872, 21.2947

Trichromacy



Original Color

39.5874, 26.0442, 47.7403



Protanomaly

30.2627, 25.0691, 59.1209



Deuteranomaly

30.1199, 25.1020, 45.9055



Tritanomaly

35.8502, 25.8606, 29.4876

Monochromacy



Original Color

39.5874, 26.0442, 47.7403



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

29.4830, 25.5715, 35.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5874, 26.0442, 47.7403 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, 99, 183)` looks like.

```
.text, #text, p{  
    color:rgb(210, 99, 183)  
}
```

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, 99, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 99, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.5874, 26.0442, 47.7403 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, 99, 183) }
```


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

```
.border{ border-color:rgb(210, 99, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 99, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 99, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 99, 183);  
box-shadow:4px 4px 4px 4px rgb(210, 99,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5874, 26.0442, 47.7403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 99, 183) }
```

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

```
.background{ background-color: rgb(210, 99,  
183) }
```

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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