

Converting Colors

XYZ(39.0653, 25.1008, 43.6114)

Have a look what the booklet for
XYZ(39.0653, 25.1008, 43.6114)
contains.

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Color

**XYZ(39.1914, 25.1094,
43.8553)**

Conversions

Conversions Part 1

Format	Color
Hex	D55DB0
RGB	213, 93, 176
RGB Percent	84%, 36%, 69%
CMY	0.1647, 0.6353, 0.3098
CMYK	0.00, 0.56, 0.17, 0.16
HSL	319°, 59%, 60%
HSV	319°, 56%, 84%
XYZ	39.1914, 25.1094, 43.8553
YIQ	138.3420, 44.8770, 51.2530

Conversions

Conversions Part 2

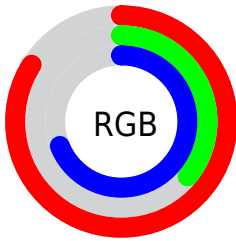
Format	Color
R _Y B	213, 93, 176
Decimal	13983152
CIE Lab	57.18, 56.71, -21.53
CIE LCh	57, 60.661, 339.216
Yxy	25.1094, 0.3624, 0.2322
Android (android.graphics.Color)	4292173232 (0xFFD55DB0)
YUV	138.3420, 18.5654, 65.4751
Hunter-Lab	50.1093, 51.9169, -16.8137

Details

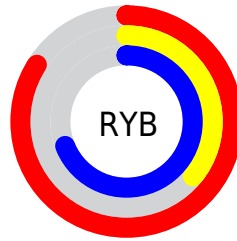
The XYZ color **39.1914, 25.1094, 43.8553** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **32.3389, 51.5282, 29.3628**, and the grayscale version is **24.2082, 25.4689, 27.7357**.

A 20% lighter version of the original color is **66.3954, 48.2660, 82.1608**, and **17.6938, 9.6007, 19.6594** is the 20% darker color. If you saturate the color by 10%, you get **36.9413, 21.6239, 39.9763**, and if you desaturate by 10%, it is **41.9951, 29.6510, 48.0744**.

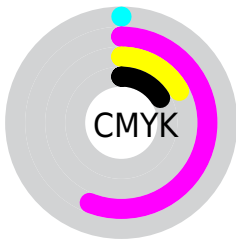
Distribution



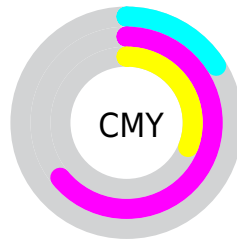
- Red (84%)
- Green (36%)
- Blue (69%)



- Red (84%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (56%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1914, 25.1094, 43.8553 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 39.1914, 25.1094, 43.8553 by changing the saturation by 10% instead.

 39.1914, 25.1094,
43.8553


 39.1914, 25.1094,
43.8553

333.8967,
278.3823, 378.1415

 27.0901, 16.1586,
30.2204


 73.2228, 51.8346,
82.3001


 17.7778, 9.6364,
19.7525


 95.8836, 70.3779,
107.9471

 10.8893, 5.1586,
12.0330


 122.7949, 92.8873,
138.4352

 6.0592, 2.3406,
6.6433

 154.3221,
119.7475, 174.1830

 2.9221, 0.7951,
3.1650

190.8305,
151.3426, 215.6090

 1.1127, 0.0000,
1.1795

232.6855,

 0.0357, 0.0000,

188.0572, 263.1317

0.0000

280.2525,
230.2757, 317.1697

■ 0.0000, 0.0000,
0.0000

■ 39.1914, 25.1094,
43.8553

■ 39.1914, 25.1094,
43.8553

■ 36.9413, 21.6239,
39.9763

■ 41.9951, 29.6510,
48.0744

■ 35.1976, 19.1018,
36.4188

■ 45.3897, 35.3239,
52.6476

■ 33.9087, 17.4405,
33.1637

■ 49.4120, 42.2005,
57.5894

■ 33.0087, 16.5090,
30.1868

■ 54.0952, 50.3464,
62.9128

■ 32.7326, 16.2630,
29.1504

■ 59.4697, 59.8220,
68.6301

■ 65.5644, 70.6843,
74.7527

■ 72.4062, 82.9866,
81.2918

■ 77.2799, 91.2979,
87.3440

■ 78.2122, 91.6708,
92.2535

Harmonies

Analogous

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



33.6721, 25.1094, 70.6835



39.1914, 25.1094, 43.8553



40.1997, 25.1094, 21.4985

Triad

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



39.1914, 25.1094, 43.8553



21.7279, 25.1094, 3.9661



14.7087, 25.1094, 60.6163

Complementary

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



39.1914, 25.1094, 43.8553



32.3389, 51.5282, 29.3628

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.



12.6915, 25.1094, 34.1537



39.1914, 25.1094, 43.8553



16.1762, 25.1094, 6.7557

Square

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



39.1914, 25.1094, 43.8553



29.0925, 25.1094, 4.5616



13.1688, 25.1094, 15.5987



19.3058, 25.1094, 83.2592

Rectangle

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



39.1914, 25.1094, 43.8553



38.0126, 25.1094, 12.2562



13.1688, 25.1094, 15.5987



13.7528, 25.1094, 51.4565

Sweetspot

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



39.1922, 25.1106, 43.8558



80.6680, 74.5609, 93.8558



24.9792, 17.3014, 64.9742



16.9466, 15.4005, 19.7335



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.



39.1922, 25.1106, 43.8558



54.8326, 31.4766, 58.7729



34.5668, 23.2605, 19.4990



12.7824, 12.5645, 14.7943



20.0420, 9.9531, 18.0570



1.2451, 0.6148, 1.2802

Inverse Universe

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



39.1922, 25.1106, 43.8558



54.8326, 31.4766, 58.7729



37.4947, 53.5905, 56.5130



12.7824, 12.5645, 14.7943



20.0420, 9.9531, 18.0570



1.2451, 0.6148, 1.2802

Previews

White Background



This preview shows how the XYZ color 39.1914, 25.1094, 43.8553 looks on a white background.

Color Contrast Check

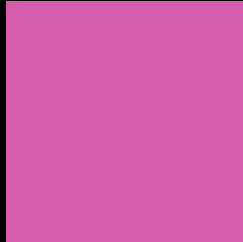
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1914, 25.1094, 43.8553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

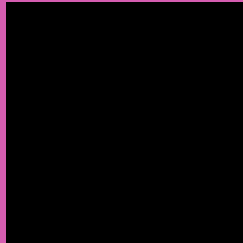
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1914, 25.1094, 43.8553

Background



This preview shows how black text looks on a background with the XYZ color 39.1914, 25.1094, 43.8553.



This preview shows how white text looks on a background with the XYZ color 39.1914, 25.1094,

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

39.1914, 25.1094, 43.8553

Protanopia

26.7312, 25.3268, 63.1542

Deuteranopia

25.8171, 25.3434, 41.0672



Tritanopia

34.0843, 25.0186, 19.2523

Trichromacy



Original Color

39.1914, 25.1094, 43.8553



Protanomaly

29.0747, 23.8080, 55.2876



Deuteranomaly

29.2671, 24.1980, 42.1579



Tritanomaly

35.5612, 24.8642, 26.5919

Monochromacy



Original Color

39.1914, 25.1094, 43.8553



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

28.1441, 24.1854, 32.8907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1914, 25.1094, 43.8553 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(213, 93, 176)` looks like.

```
.text, #text, p{  
    color:rgb(213, 93, 176)  
}
```

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(213, 93, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 93, 176) }
```

Border

The CSS property to change the border of an element to XYZ 39.1914, 25.1094, 43.8553 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(213, 93, 176) }
```


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

```
.border{ border-color:rgb(213, 93, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 93, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 93, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 93, 176);  
box-shadow:4px 4px 4px 4px rgb(213, 93,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1914, 25.1094, 43.8553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 93, 176) }
```

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

```
.background{ background-color: rgb(213, 93,  
176) }
```

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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