

Converting Colors

XYZ(39.0982, 23.9632, 38.1620)

Have a look what the booklet for
XYZ(39.0982, 23.9632, 38.1620)
contains.

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Color

**XYZ(39.0982, 23.9632,
38.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	DB53A5
RGB	219, 83, 165
RGB Percent	86%, 33%, 65%
CMY	0.1412, 0.6745, 0.3529
CMYK	0.00, 0.62, 0.25, 0.14
HSL	324°, 65%, 59%
HSV	324°, 62%, 86%
XYZ	39.0982, 23.9632, 38.1620
YIQ	133.0120, 54.7340, 54.3340

Conversions

Conversions Part 2

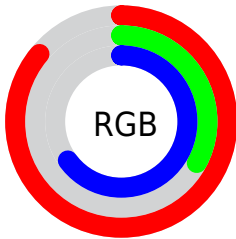
Format	Color
R _Y B	219, 83, 165
Decimal	14373797
CIE Lab	56.05, 61.29, -16.79
CIE LCh	56, 63.550, 344.685
Yxy	23.9632, 0.3863, 0.2367
Android (android.graphics.Color)	4292563877 (0xFFDB53A5)
YUV	133.0120, 15.7701, 75.4115
Hunter-Lab	48.9522, 56.9018, -11.9545

Details

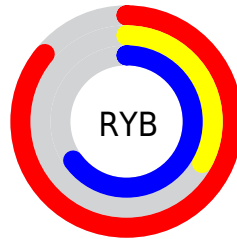
The XYZ color **39.0982, 23.9632, 38.1620** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.4154, 54.3089, 32.3911**, and the grayscale version is **22.2302, 23.3880, 25.4695**.

A 20% lighter version of the original color is **63.3909, 44.8925, 73.0342**, and **17.6487, 9.0075, 16.4312** is the 20% darker color. If you saturate the color by 10%, you get **36.9146, 20.8197, 33.6609**, and if you desaturate by 10%, it is **41.8661, 28.1886, 43.1239**.

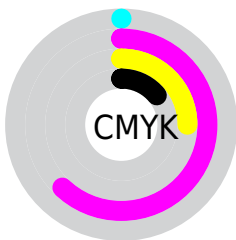
Distribution



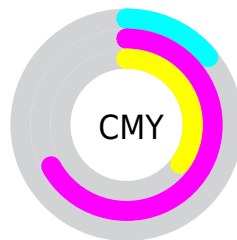
- Red (86%)
- Green (33%)
- Blue (65%)



- Red (86%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (62%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0982, 23.9632, 38.1620 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 39.0982, 23.9632, 38.1620 by changing the saturation by 10% instead.

 39.0982, 23.9632,
38.1620

 39.0982, 23.9632,
38.1620


333.5078,
272.6344, 353.6334

 27.0172, 15.3063,
25.8056


 73.0814, 49.9701,
73.5625


 17.7228, 9.0347,
16.4538


 95.7143, 68.0890,
97.4438

 10.8496, 4.7638,
9.6880


 122.5953, 90.1306,
126.0038

 6.0324, 2.1093,
5.0897

 154.0896,
116.4795, 159.6610

 2.9056, 0.6699,
2.2403

190.5627,
147.5198, 198.8341

 1.1040, 0.0000,
0.6975

232.3798,

 0.0285, 0.0000,

183.6362, 243.9415

0.0000

279.9064,
225.2129, 295.4017

■ 0.0000, 0.0000,
0.0000

■ 39.0982, 23.9632,
38.1620

■ 39.0982, 23.9632,
38.1620

■ 36.9146, 20.8197,
33.6609

■ 41.8661, 28.1886,
43.1239

■ 35.2602, 18.6506,
29.5963

■ 45.2622, 33.5829,
48.5656

■ 34.0726, 17.3321,
25.9422

■ 49.3285, 40.2281,
54.5063

■ 33.3811, 16.7272,
23.3135

■ 54.1026, 48.1980,
60.9634

■ 59.6192, 57.5605,
67.9531

■ 65.9108, 68.3788,
75.4908

■ 73.0077, 80.7124,
83.5911

■ 79.9067, 92.5534,
91.9240

■ 81.1912, 93.0672,
98.6883

Harmonies

Analogous

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



34.0911, 23.9632, 66.1726



39.0982, 23.9632, 38.1620



39.1553, 23.9632, 17.2005

Triad

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



39.0982, 23.9632, 38.1620



19.4126, 23.9632, 3.3632



14.2115, 23.9632, 65.5946

Complementary

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



39.0982, 23.9632, 38.1620



33.4154, 54.3089, 32.3911

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.



11.7517, 23.9632, 37.6160



39.0982, 23.9632, 38.1620



14.2911, 23.9632, 6.7213

Square

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



39.0982, 23.9632, 38.1620



26.6726, 23.9632, 3.3924



11.7773, 23.9632, 16.8800



19.2792, 23.9632, 86.9024

Rectangle

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



39.0982, 23.9632, 38.1620



36.3166, 23.9632, 9.2948



11.7773, 23.9632, 16.8800



13.1051, 23.9632, 56.1559

Sweetspot

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



39.0989, 23.9644, 38.1624



78.5496, 71.7102, 88.8768



25.8940, 16.4645, 68.8313



16.3551, 14.5763, 18.4305



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.



39.0989, 23.9644, 38.1624



51.2020, 28.1557, 45.4150



34.5534, 22.1462, 14.2261



13.3840, 13.1827, 15.2836



19.8487, 9.9405, 14.1153



1.3279, 0.6608, 1.1358

Inverse Universe

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



39.0989, 23.9644, 38.1624



51.2020, 28.1557, 45.4150



39.6951, 56.8208, 65.4593



13.3840, 13.1827, 15.2836



19.8487, 9.9405, 14.1153



1.3279, 0.6608, 1.1358

Previews

White Background



This preview shows how the XYZ color 39.0982, 23.9632, 38.1620 looks on a white background.

Color Contrast Check

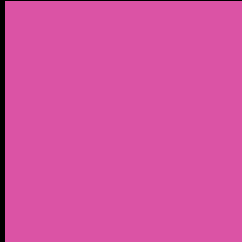
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0982, 23.9632, 38.1620 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 39.0982, 23.9632, 38.1620

Background



This preview shows how black text looks on a background with the XYZ color 39.0982, 23.9632, 38.1620.



This preview shows how white text looks on a background with the XYZ color 39.0982, 23.9632,

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

39.0982, 23.9632, 38.1620

Protanopia

25.4857, 24.3716, 58.6193

Deuteranopia

24.7393, 24.2895, 35.7322



Tritanopia

34.5979, 24.0310, 15.9116

Trichromacy



Original Color

39.0982, 23.9632, 38.1620

Protanomaly

27.7855, 22.3763, 50.4316

Deuteranomaly

28.3867, 22.8233, 36.6274

Tritanomaly

35.9991, 23.9340, 22.4610

Monochromacy



Original Color

39.0982, 23.9632, 38.1620

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.5514, 22.1983, 29.6734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0982, 23.9632, 38.1620 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(219, 83, 165)` looks like.

```
.text, #text, p{  
    color:rgb(219, 83, 165)  
}
```

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(219, 83, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 83, 165) }
```

Border

The CSS property to change the border of an element to XYZ 39.0982, 23.9632, 38.1620 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(219, 83, 165) }
```


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

```
.border{ border-color:rgb(219, 83, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 83, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 83, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 83, 165);  
box-shadow:4px 4px 4px 4px rgb(219, 83,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0982, 23.9632, 38.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 83, 165) }
```

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

```
.background{ background-color: rgb(219, 83,  
165) }
```

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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