

Converting Colors

XYZ(39.2482, 24.1984, 45.3337)

Have a look what the booklet for
XYZ(39.2482, 24.1984, 45.3337)
contains.

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Color

**XYZ(39.1960, 24.2064,
45.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	D656B3
RGB	214, 86, 179
RGB Percent	84%, 34%, 70%
CMY	0.1608, 0.6627, 0.2980
CMYK	0.00, 0.60, 0.16, 0.16
HSL	316°, 61%, 59%
HSV	316°, 60%, 84%
XYZ	39.1960, 24.2064, 45.2543
YIQ	134.8740, 46.4350, 56.0590

Conversions

Conversions Part 2

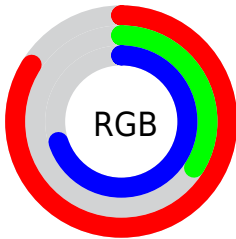
Format	Color
RYB	214, 86, 179
Decimal	14046899
CIELab	56.29, 60.56, -24.61
CIElCh	56, 65.366, 337.882
Yxy	24.2064, 0.3607, 0.2228
Android (android.graphics.Color)	4292236979 (0xFFD656B3)
YUV	134.8740, 21.7541, 69.3935
Hunter-Lab	49.2000, 56.1050, -20.0951

Details

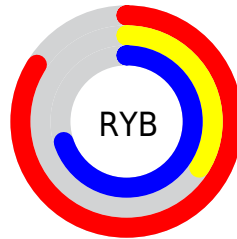
The XYZ color **39.1960, 24.2064, 45.2543** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **31.3367, 51.4528, 26.3711**, and the grayscale version is **22.8934, 24.0856, 26.2293**.

A 20% lighter version of the original color is **65.9084, 46.6042, 84.1190**, and **17.7631, 9.1481, 20.5682** is the 20% darker color. If you saturate the color by 10%, you get **37.1567, 21.0547, 41.7163**, and if you desaturate by 10%, it is **41.7733, 28.3932, 49.0961**.

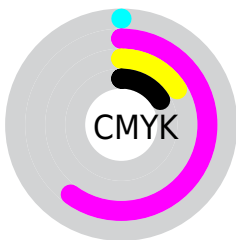
Distribution



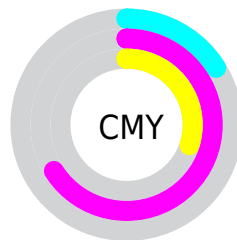
- Red (84%)
- Green (34%)
- Blue (70%)



- Red (84%)
- Yellow (34%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (66%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1960, 24.2064, 45.2543 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 39.1960, 24.2064, 45.2543 by changing the saturation by 10% instead.

39.1960, 24.2064,
45.2543

39.1960, 24.2064,
45.2543

333.9159,
273.8623, 383.9926

27.0936, 15.4868,
31.3134

73.2298, 50.3668,
84.4244

17.7805, 9.1617,
20.5771

95.8920, 68.5764,
110.4906

10.8913, 4.8468,
12.6270

122.8048, 90.7181,
141.4357

6.0605, 2.1577,
7.0445

154.3336,
117.1763, 177.6781

2.9229, 0.6968,
3.4111

190.8437,
148.3355, 219.6365

1.1131, 0.0000,
1.3082

232.7006,

0.0361, 0.0000,

184.5799, 267.7294

0.0685

280.2695,
226.2941, 322.3752

■ 0.0000, 0.0000,
0.0000

■ 39.1960, 24.2064,
45.2543

■ 39.1960, 24.2064,
45.2543

■ 37.1567, 21.0547,
41.7163

■ 41.7733, 28.3932,
49.0961

■ 35.6057, 18.8401,
38.4631

■ 44.9280, 33.6945,
53.2555

■ 34.4873, 17.4516,
35.4752

■ 48.6984, 40.1859,
57.7470

■ 33.7025, 16.6916,
32.7177

■ 53.1186, 47.9355,
62.5836

■ 33.6887, 16.6790,
32.6668

■ 58.2204, 57.0061,
67.7770

■ 64.0333, 67.4564,
73.3386

■ 70.5851, 79.3415,
79.2791

■ 77.1939, 91.2971,
85.3723

■ 78.0100, 91.6235,
89.6699

Harmonies

Analogous

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



33.0922, 24.2064, 74.4994



39.1960, 24.2064, 45.2543



40.5356, 24.2064, 21.0693

Triad

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



39.1960, 24.2064, 45.2543



21.0784, 24.2064, 2.9247



13.3675, 24.2064, 60.8972

Complementary

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



39.1960, 24.2064, 45.2543



31.3367, 51.4528, 26.3711

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.



11.4393, 24.2064, 32.4620



39.1960, 24.2064, 45.2543



15.2130, 24.2064, 5.3063

Square

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



39.1960, 24.2064, 45.2543



28.9007, 24.2064, 3.5828



12.0321, 24.2064, 13.6242



17.9753, 24.2064, 86.4557

Rectangle

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



39.1960, 24.2064, 45.2543



38.3247, 24.2064, 11.3320



12.0321, 24.2064, 13.6242



12.4359, 24.2064, 50.8928

Sweetspot

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



39.1968, 24.2076, 45.2548



80.1595, 73.3478, 94.2908



23.2309, 15.5147, 65.3889



16.7115, 14.9116, 19.7126



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.



39.1968, 24.2076, 45.2548



54.5134, 30.2154, 60.5866



34.2050, 22.2109, 18.9683



12.8014, 12.5721, 14.8943



20.4083, 10.0996, 19.9860



1.2649, 0.6228, 1.3844

Inverse Universe

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



39.1968, 24.2076, 45.2548



54.5134, 30.2154, 60.5866



36.5510, 53.5385, 53.8293



12.8014, 12.5721, 14.8943



20.4083, 10.0996, 19.9860



1.2649, 0.6228, 1.3844

Previews

White Background



This preview shows how the XYZ color 39.1960, 24.2064, 45.2543 looks on a white background.

Color Contrast Check

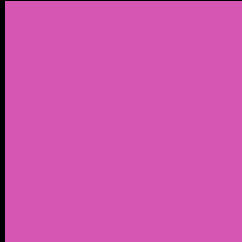
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1960, 24.2064, 45.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

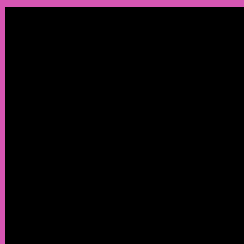
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1960, 24.2064, 45.2543

Background



This preview shows how black text looks on a background with the XYZ color 39.1960, 24.2064, 45.2543.



This preview shows how white text looks on a background with the XYZ color 39.1960, 24.2064,

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

39.1960, 24.2064, 45.2543

Protanopia

26.4911, 24.6760, 68.3325

Deuteranopia

25.0398, 24.4994, 42.4388



Tritanopia

33.3968, 24.0917, 17.6418

Trichromacy



Original Color

39.1960, 24.2064, 45.2543



Protanomaly

28.5265, 22.7319, 59.3841



Deuteranomaly

28.6812, 23.1630, 43.5167



Tritanomaly

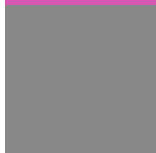
35.2262, 24.0003, 25.6976

Monochromacy



Original Color

39.1960, 24.2064, 45.2543



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

27.2570, 22.8495, 32.2519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1960, 24.2064, 45.2543 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(214, 86, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 86, 179)  
}
```

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(214, 86, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 86, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.1960, 24.2064, 45.2543 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(214, 86, 179) }
```


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

```
.border{ border-color:rgb(214, 86, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 86, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 86, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 86, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 86,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1960, 24.2064, 45.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 86, 179) }
```

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

```
.background{ background-color: rgb(214, 86,  
179) }
```

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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