

Converting Colors

XYZ(39.2928, 24.0302, 35.0129)

Have a look what the booklet for
XYZ(39.2928, 24.0302, 35.0129)
contains.

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Color

**XYZ(39.3130, 24.0328,
34.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	DE529E
RGB	222, 82, 158
RGB Percent	87%, 32%, 62%
CMY	0.1294, 0.6784, 0.3804
CMYK	0.00, 0.63, 0.29, 0.13
HSL	327°, 68%, 60%
HSV	327°, 63%, 87%
XYZ	39.3130, 24.0328, 34.9145
YIQ	132.5240, 59.0440, 53.3160

Conversions

Conversions Part 2

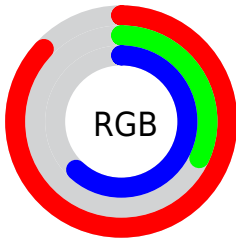
Format	Color
R _Y B	222, 82, 158
Decimal	14570142
CIE Lab	56.12, 61.67, -12.55
CIE LCh	56, 62.935, 348.501
Yxy	24.0328, 0.4001, 0.2446
Android (android.graphics.Color)	4292760222 (0xFFDE529E)
YUV	132.5240, 12.5597, 78.4705
Hunter-Lab	49.0233, 57.3530, -7.9102

Details

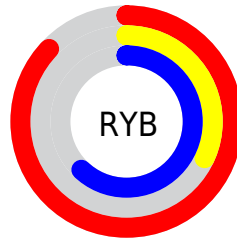
The XYZ color **39.3130, 24.0328, 34.9145** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **34.7906, 56.1123, 36.1943**, and the grayscale version is **22.0636, 23.2126, 25.2785**.

A 20% lighter version of the original color is **62.4829, 44.5293, 68.2526**, and **17.8778, 9.0874, 14.7217** is the 20% darker color. If you saturate the color by 10%, you get **37.0636, 20.8747, 30.0311**, and if you desaturate by 10%, it is **42.1773, 28.3049, 40.3593**.

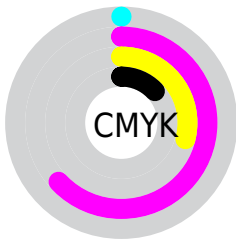
Distribution



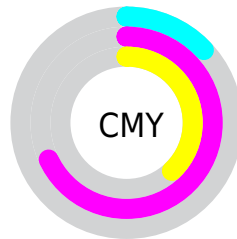
- Red (87%)
- Green (32%)
- Blue (62%)



- Red (87%)
- Yellow (32%)
- Blue (62%)



- Cyan (0%)
- Magenta (63%)
- Yellow (29%)
- Black (13%)





- Cyan (13%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3130, 24.0328, 34.9145 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 39.3130, 24.0328, 34.9145 by changing the saturation by 10% instead.


 39.3130, 24.0328,
34.9145


 39.3130, 24.0328,
34.9145


334.4037,
272.9863, 339.0836


 27.1851, 15.3580,
23.3140


 73.4072, 50.0837,
68.5034


 17.8496, 9.0710,
14.6181


 96.1043, 68.2286,
91.3288

 10.9411, 4.7875,
8.4081


 123.0552, 90.2989,
118.7330

 6.0942, 2.1231,
4.2657

 154.6252,
116.6791, 151.1344

 2.9437, 0.6776,
1.7722

191.1797,
147.7535, 188.9516

 1.1240, 0.0000,
0.4095

233.0840,

 0.0451, 0.0000,

183.9066, 232.6032

0.0000

280.7036,
225.5227, 282.5077

■ 0.0000, 0.0000,
0.0000

■ 39.3130, 24.0328,
34.9145

■ 39.3130, 24.0328,
34.9145

■ 37.0636, 20.8747,
30.0311

■ 42.1773, 28.3049,
40.3593

■ 35.3708, 18.7173,
25.6805

■ 45.7033, 33.7822,
46.3887

■ 34.1678, 17.4297,
21.8316

■ 49.9352, 40.5509,
53.0256

■ 33.5454, 16.8981,
19.4254

■ 54.9129, 48.6878,
60.2912

■ 60.6731, 58.2640,
68.2050

67.2500, 69.3455,
76.7859

74.6757, 81.9942,
86.0516

81.4928, 93.2930,
95.5233

83.0365, 93.9105,
103.6527

Harmonies

Analogous

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



34.8885, 24.0328, 62.3112



39.3130, 24.0328, 34.9145



38.6866, 24.0328, 15.4761

Triad

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



39.3130, 24.0328, 34.9145



18.7169, 24.0328, 3.6799



14.8278, 24.0328, 68.6323

Complementary

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



39.3130, 24.0328, 34.9145



34.7906, 56.1123, 36.1943

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.



12.0502, 24.0328, 40.9090



39.3130, 24.0328, 34.9145



13.9476, 24.0328, 7.6827

Square

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



39.3130, 24.0328, 34.9145



25.7213, 24.0328, 3.3506



11.7661, 24.0328, 19.0192



20.1869, 24.0328, 87.6063

Rectangle

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



39.3130, 24.0328, 34.9145



35.5109, 24.0328, 8.4078



11.7661, 24.0328, 19.0192



13.6144, 24.0328, 59.5144

Sweetspot

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



39.3137, 24.0340, 34.9149



78.1306, 71.5425, 86.6699



27.8806, 17.3299, 70.9828



16.2537, 14.5357, 17.8965



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.



39.3137, 24.0340, 34.9149



49.8393, 27.3868, 38.9290



34.9456, 22.2868, 11.9128



14.0169, 13.8244, 15.8590



19.9821, 10.0598, 11.8374



1.4301, 0.7153, 1.0577

Inverse Universe

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



39.3137, 24.0340, 34.9149



49.8393, 27.3868, 38.9290



41.8675, 58.9431, 73.4608



14.0169, 13.8244, 15.8590



19.9821, 10.0598, 11.8374



1.4301, 0.7153, 1.0577

Previews

White Background



This preview shows how the XYZ color 39.3130, 24.0328, 34.9145 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 39.3130, 24.0328, 34.9145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

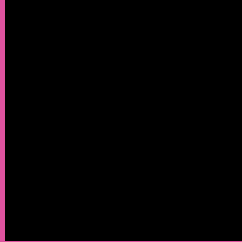
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3130, 24.0328, 34.9145

Background



This preview shows how black text looks on a background with the XYZ color 39.3130, 24.0328, 34.9145.



This preview shows how white text looks on a background with the XYZ color 39.3130, 24.0328,

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

39.3130, 24.0328, 34.9145

Protanopia

25.3276, 24.3831, 54.4104

Deuteranopia

24.6867, 24.1297, 32.6345



Tritanopia

35.1058, 23.8954, 15.3324

Trichromacy



Original Color

39.3130, 24.0328, 34.9145

Protanomaly

27.8754, 22.3394, 46.5588

Deuteranomaly

28.3154, 22.6894, 33.4590

Tritanomaly

36.3824, 23.7775, 21.0843

Monochromacy



Original Color

39.3130, 24.0328, 34.9145

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.4168, 21.9870, 28.4428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3130, 24.0328, 34.9145 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(222, 82, 158)` looks like.

```
.text, #text, p{  
  color:rgb(222, 82, 158)  
}
```

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(222, 82, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 82, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.3130, 24.0328, 34.9145 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(222, 82, 158) }
```


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

```
.border{ border-color:rgb(222, 82, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 82, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 82, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 82, 158);  
box-shadow:4px 4px 4px 4px rgb(222, 82,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3130, 24.0328, 34.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 82, 158) }
```

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

```
.background{ background-color: rgb(222, 82,  
158) }
```

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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