

Converting Colors

XYZ(39.1157, 25.1696, 34.1174)

Have a look what the booklet for
XYZ(39.1157, 25.1696, 34.1174)
contains.

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Color

**XYZ(39.0413, 25.1147,
34.2424)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5C9C
RGB	219, 92, 156
RGB Percent	86%, 36%, 61%
CMY	0.1412, 0.6392, 0.3882
CMYK	0.00, 0.58, 0.29, 0.14
HSL	330°, 64%, 61%
HSV	330°, 58%, 86%
XYZ	39.0413, 25.1147, 34.2424
YIQ	137.2690, 55.1480, 46.8280

Conversions

Conversions Part 2

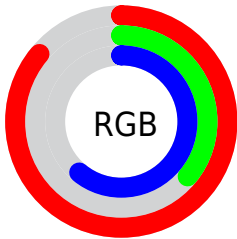
Format	Color
R _Y B	219, 92, 156
Decimal	14376092
CIE Lab	57.19, 56.22, -9.82
CIE LCh	57, 57.067, 350.088
Yxy	25.1147, 0.3968, 0.2552
Android (android.graphics.Color)	4292566172 (0xFFDB5C9C)
YUV	137.2690, 9.2344, 71.6781
Hunter-Lab	50.1146, 51.3583, -5.4316

Details

The XYZ color **39.0413, 25.1147, 34.2424** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **35.6629, 55.3056, 39.8088**, and the grayscale version is **23.8322, 25.0733, 27.3048**.

A 20% lighter version of the original color is **63.3066, 46.7806, 66.6657**, and **17.7916, 9.6847, 14.2962** is the 20% darker color. If you saturate the color by 10%, you get **36.5317, 21.5024, 29.0681**, and if you desaturate by 10%, it is **42.1829, 29.8589, 40.0338**.

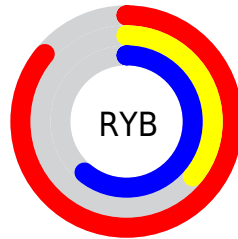
Distribution



Red (86%)

Green (36%)

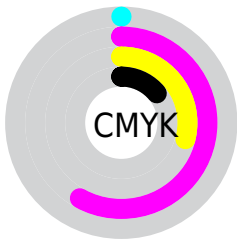
Blue (61%)



Red (86%)

Yellow (36%)

Blue (61%)

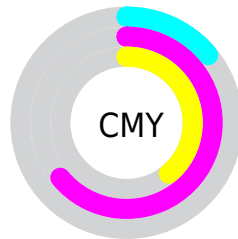


Cyan (0%)

Magenta (58%)

Yellow (29%)

Black (14%)



Cyan (14%)


Magenta (64%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0413, 25.1147, 34.2424 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 39.0413, 25.1147, 34.2424 by changing the saturation by 10% instead.


 39.0413, 25.1147,
34.2424


 39.0413, 25.1147,
34.2424


333.2702,
278.4087, 336.0136


 26.9727, 16.1625,
22.8010


 72.9951, 51.8432,
67.4486


 17.6892, 9.6392,
14.2427


 95.6110, 70.3884,
90.0506

 10.8254, 5.1604,
8.1490


 122.4734, 92.9000,
117.2098

 6.0160, 2.3417,
4.1013

 153.9476,
119.7625, 149.3448

 2.8956, 0.7956,
1.6811

190.3991,
151.3602, 186.8741

 1.0988, 0.0000,
0.3477

232.1931,

 0.0241, 0.0000,

188.0775, 230.2164

0.0000

279.6950,
230.2989, 279.7900

■ 0.0000, 0.0000,
0.0000

■ 39.0413, 25.1147,
34.2424

■ 39.0413, 25.1147,
34.2424

■ 36.5317, 21.5024,
29.0681

■ 42.1829, 29.8589,
40.0338

■ 34.6010, 18.9198,
24.4820

■ 45.9992, 35.8177,
46.4662

■ 33.1904, 17.2529,
20.4537

■ 50.5317, 43.0706,
53.5633

■ 32.2163, 16.3378,
16.9438

■ 55.8176, 51.6891,
61.3471

■ 32.0474, 16.1937,
16.2905

■ 61.8916, 61.7396,
69.8383

■ 68.7861, 73.2838,
79.0568

■ 76.5317, 86.3802,
89.0212

■ 81.1383, 93.0460,
98.4101

■ 82.8275, 93.7217,
107.3055

Harmonies

Analogous

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



35.2500, 25.1147, 58.7260



39.0413, 25.1147, 34.2424



38.2216, 25.1147, 16.4797

Triad

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



39.0413, 25.1147, 34.2424



19.6921, 25.1147, 5.2057



16.4863, 25.1147, 66.8167

Complementary

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



39.0413, 25.1147, 34.2424



35.6629, 55.3056, 39.8088

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.



13.6541, 25.1147, 42.1703



39.0413, 25.1147, 34.2424



15.2491, 25.1147, 9.7802

Square

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



39.0413, 25.1147, 34.2424



26.1710, 25.1147, 4.6622



13.2484, 25.1147, 21.4433



21.7095, 25.1147, 82.5931

Rectangle

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



39.0413, 25.1147, 34.2424



35.2169, 25.1147, 9.7364



13.2484, 25.1147, 21.4433



15.2680, 25.1147, 58.8710

Sweetspot

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



39.0420, 25.1160, 34.2429



79.4748, 74.0837, 87.5726



29.8241, 19.5801, 69.2253



16.6643, 15.2876, 18.2469



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.



39.0420, 25.1160, 34.2429



50.7832, 29.2677, 39.2651



35.0672, 23.5260, 13.3116



13.3284, 13.1605, 14.9905



19.0580, 9.6242, 9.9513



1.2782, 0.6409, 0.8738

Inverse Universe

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



39.0420, 25.1160, 34.2429



50.7832, 29.2677, 39.2651



42.2552, 57.9425, 74.5232



13.3284, 13.1605, 14.9905



19.0580, 9.6242, 9.9513



1.2782, 0.6409, 0.8738

Previews

White Background



This preview shows how the XYZ color 39.0413, 25.1147, 34.2424 looks on a white background.

Color Contrast Check

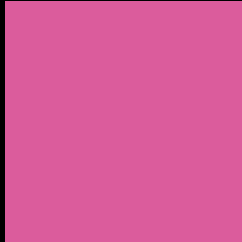
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0413, 25.1147, 34.2424 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 39.0413, 25.1147, 34.2424

Background



This preview shows how black text looks on a background with the XYZ color 39.0413, 25.1147, 34.2424.



This preview shows how white text looks on a background with the XYZ color 39.0413, 25.1147,

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

39.0413, 25.1147, 34.2424

Protanopia

25.8355, 25.3644, 49.9885

Deuteranopia

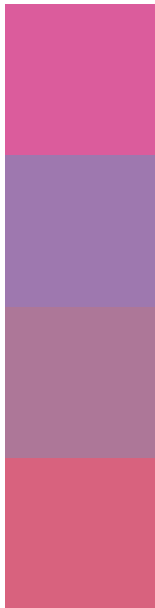
25.8040, 25.3311, 31.9631



Tritanopia

35.5360, 25.0539, 17.4309

Trichromacy



Original Color

39.0413, 25.1147, 34.2424

Protanomaly

28.5549, 23.7972, 43.6458

Deuteranomaly

29.4979, 24.3449, 32.8501

Tritanomaly

36.4525, 24.8407, 22.6121

Monochromacy



Original Color

39.0413, 25.1147, 34.2424

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.8078, 23.9039, 29.5338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0413, 25.1147, 34.2424 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, 92, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 92, 156)  
}
```

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, 92, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 92, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.0413, 25.1147, 34.2424 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, 92, 156) }
```


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

```
.border{ border-color:rgb(219, 92, 156) }
```

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

Here you see how a box with a 4 pixel rgb(219, 92, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 92, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 92, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 92,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0413, 25.1147, 34.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 92, 156) }
```

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

```
.background{ background-color: rgb(219, 92,  
156) }
```

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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