

Converting Colors

XYZ(39.0553, 25.6397, 43.2326)

Have a look what the booklet for
XYZ(39.0553, 25.6397, 43.2326)
contains.

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Color

**XYZ(39.1639, 25.6416,
43.4426)**

Conversions

Conversions Part 1

Format	Color
Hex	D461AF
RGB	212, 97, 175
RGB Percent	83%, 38%, 69%
CMY	0.1686, 0.6196, 0.3137
CMYK	0.00, 0.54, 0.17, 0.17
HSL	319°, 57%, 61%
HSV	319°, 54%, 83%
XYZ	39.1639, 25.6416, 43.4426
YIQ	140.2770, 43.5020, 48.6380

Conversions

Conversions Part 2

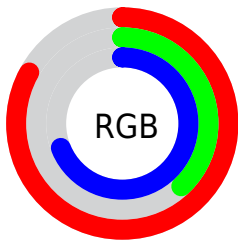
Format	Color
R _Y B	212, 97, 175
Decimal	13918639
CIE Lab	57.70, 54.41, -20.18
CIE LCh	58, 58.033, 339.656
Yxy	25.6416, 0.3618, 0.2369
Android (android.graphics.Color)	4292108719 (0xFFD461AF)
YUV	140.2770, 17.1184, 62.9011
Hunter-Lab	50.6375, 49.4391, -15.4194

Details

The XYZ color **39.1639, 25.6416, 43.4426** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.7775, 51.3503, 30.7406**, and the grayscale version is **24.9595, 26.2594, 28.5965**.

A 20% lighter version of the original color is **66.8920, 49.4860, 81.6275**, and **17.8234, 9.9596, 19.3953** is the 20% darker color. If you saturate the color by 10%, you get **36.8072, 21.9732, 39.4348**, and if you desaturate by 10%, it is **42.0794, 30.3727, 47.8042**.

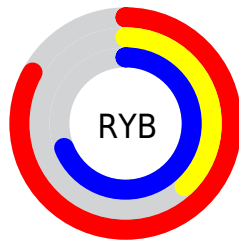
Distribution



Red (83%)

Green (38%)

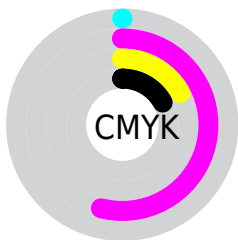
Blue (69%)



Red (83%)

Yellow (38%)

Blue (69%)

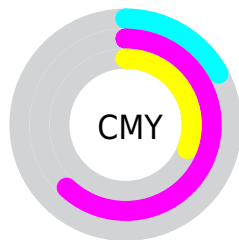


Cyan (0%)

Magenta (54%)

Yellow (17%)

Black (17%)



Cyan (17%)


Magenta (62%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1639, 25.6416, 43.4426 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 39.1639, 25.6416, 43.4426 by changing the saturation by 10% instead.


 39.1639, 25.6416,
43.4426


 39.1639, 25.6416,
43.4426

333.7820,
281.0183, 376.4034


 27.0686, 16.5557,
29.8986


 73.1811, 52.6962,
81.6718


 17.7616, 9.9182,
19.5102


 95.8337, 71.4337,
107.1941

 10.8776, 5.3448,
11.8590


 122.7360, 94.1572,
137.5463

 6.0513, 2.4509,
6.5264

 154.2535,
121.2510, 173.1468

 2.9172, 0.8519,
3.0938

190.7515,
153.0997, 214.4142

 1.1101, 0.0000,
1.1427


232.5953,


 0.0336, 0.0000,


190.0875, 261.7671


0.0000


280.1504,
232.5989, 315.6240

 0.0000, 0.0000,
0.0000


 39.1639, 25.6416,
43.4426


 39.1639, 25.6416,
43.4426


 36.8072, 21.9732,
39.4348


 42.0794, 30.3727,
47.8042


 34.9637, 19.2781,
35.7623


 45.5897, 36.2389,
52.5332


 33.5843, 17.4585,
32.4066

 49.7306, 43.3107,
57.6441

 32.6083, 16.3942,
29.3449

 54.5344, 51.6516,
63.1499

 32.1694, 16.0043,
27.6945

 60.0308, 61.3208,
69.0630

■ 66.2481, 72.3737,
75.3947

■ 73.2125, 84.8624,
82.1561

■ 77.1341, 91.2062,
88.0860

■ 78.1088, 91.5960,
93.2184

Harmonies

Analogous

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



33.9286, 25.6416, 68.9421



39.1639, 25.6416, 43.4426



40.0541, 25.6416, 21.9817

Triad

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



39.1639, 25.6416, 43.4426



22.1990, 25.6416, 4.6384



15.4663, 25.6416, 60.1404

Complementary

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



39.1639, 25.6416, 43.4426



32.7775, 51.3503, 30.7406

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.



13.4325, 25.6416, 34.8401



39.1639, 25.6416, 43.4426



16.8023, 25.6416, 7.6096

Square

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



39.1639, 25.6416, 43.4426



29.3166, 25.6416, 5.2184



13.8701, 25.6416, 16.6197



20.0164, 25.6416, 81.3418

Rectangle

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



39.1639, 25.6416, 43.4426



37.9200, 25.6416, 12.9463



13.8701, 25.6416, 16.6197



14.5090, 25.6416, 51.4476

Sweetspot

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



39.1647, 25.6428, 43.4431



81.3451, 75.8576, 94.2586



25.8985, 18.3249, 64.4597



17.0770, 15.6547, 19.7973



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.



39.1647, 25.6428, 43.4431



55.4548, 32.6951, 59.0600



34.7021, 23.8578, 19.9432



12.7751, 12.5615, 14.7560



19.9072, 9.8992, 17.3474



1.2378, 0.6119, 1.2415

Inverse Universe

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



39.1647, 25.6428, 43.4431



55.4548, 32.6951, 59.0600



37.8690, 53.3869, 57.5518



12.7751, 12.5615, 14.7560



19.9072, 9.8992, 17.3474



1.2378, 0.6119, 1.2415

Previews

White Background



This preview shows how the XYZ color 39.1639, 25.6416, 43.4426 looks on a white background.

Color Contrast Check

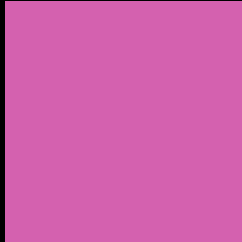
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1639, 25.6416, 43.4426 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 39.1639, 25.6416, 43.4426

Background



This preview shows how black text looks on a background with the XYZ color 39.1639, 25.6416, 43.4426.



This preview shows how white text looks on a background with the XYZ color 39.1639, 25.6416,

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

39.1639, 25.6416, 43.4426

Protanopia

27.1676, 26.0121, 61.3466

Deuteranopia

26.4468, 25.8762, 41.1368



Tritanopia

34.2995, 25.5817, 20.2695

Trichromacy



Original Color

39.1639, 25.6416, 43.4426



Protanomaly

29.4596, 24.3934, 54.1946



Deuteranomaly

29.8273, 24.8587, 41.7542



Tritanomaly

35.7242, 25.3771, 27.4415

Monochromacy



Original Color

39.1639, 25.6416, 43.4426



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

28.6833, 24.8222, 33.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1639, 25.6416, 43.4426 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(212, 97, 175)` looks like.

```
.text, #text, p{  
    color:rgb(212, 97, 175)  
}
```

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(212, 97, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 97, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.1639, 25.6416, 43.4426 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(212, 97, 175) }
```


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

```
.border{ border-color:rgb(212, 97, 175) }
```

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

Here you see how a box with a 4 pixel rgb(212, 97, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 97, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 97, 175);  
box-shadow:4px 4px 4px 4px rgb(212, 97,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1639, 25.6416, 43.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 97, 175) }
```

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

```
.background{ background-color: rgb(212, 97,  
175) }
```

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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