

Converting Colors

XYZ(38.6744, 25.4051, 42.0582)

Have a look what the booklet for
XYZ(38.6744, 25.4051, 42.0582)
contains.

XYZ(38.5851, 25.3768, 41.8943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.5851, 25.3768,
41.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	D361AC
RGB	211, 97, 172
RGB Percent	83%, 38%, 67%
CMY	0.1725, 0.6196, 0.3255
CMYK	0.00, 0.54, 0.18, 0.17
HSL	321°, 56%, 60%
HSV	321°, 54%, 83%
XYZ	38.5851, 25.3768, 41.8943
YIQ	139.6360, 43.8690, 47.4930

Conversions

Conversions Part 2

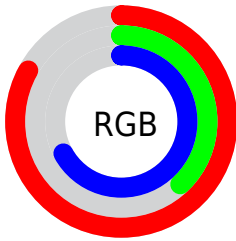
Format	Color
R _Y B	211, 97, 172
Decimal	13853100
CIE Lab	57.44, 53.67, -18.84
CIE LCh	57, 56.881, 340.653
Yxy	25.3768, 0.3645, 0.2397
Android (android.graphics.Color)	4292043180 (0xFFD361AC)
YUV	139.6360, 15.9555, 62.5862
Hunter-Lab	50.3754, 48.5654, -14.0453

Details

The XYZ color **38.5851, 25.3768, 41.8943** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.6692, 50.9084, 31.3992**, and the grayscale version is **24.7153, 26.0024, 28.3166**.

A 20% lighter version of the original color is **66.3334, 49.2625, 78.6855**, and **17.5095, 9.8120, 18.7403** is the 20% darker color. If you saturate the color by 10%, you get **36.2138, 21.7136, 37.7757**, and if you desaturate by 10%, it is **41.5140, 30.0944, 46.3850**.

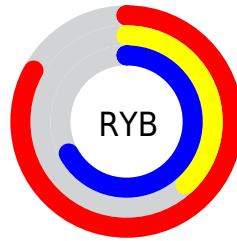
Distribution



Red (83%)

Green (38%)

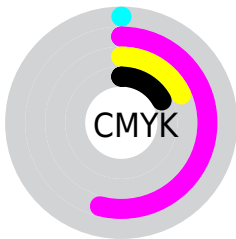
Blue (67%)



Red (83%)

Yellow (38%)

Blue (67%)

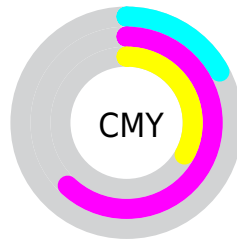


Cyan (0%)

Magenta (54%)

Yellow (18%)

Black (17%)



Cyan (17%)


Magenta (62%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5851, 25.3768, 41.8943 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 38.5851, 25.3768, 41.8943 by changing the saturation by 10% instead.

 38.5851, 25.3768,
41.8943


 38.5851, 25.3768,
41.8943

331.3609,
279.7093, 369.8313

 26.6164, 16.3580,
28.6936


 72.3022, 52.2678,
79.3080


 17.4204, 9.7778,
18.6056


 94.7813, 70.9089,
104.3580

 10.6319, 5.2519,
11.2117

 121.4946, 93.5261,
134.1950

 5.8853, 2.3958,
6.0935

 152.8074,
120.5040, 169.2373

 2.8155, 0.8237,
2.8323

189.0850,
152.2268, 209.9035

 1.0569, 0.0000,
1.0096

230.6929,

 0.0000, 0.0000,

189.0791, 256.6122

0.0000

277.9964,
231.4451, 309.7820

■ 38.5851, 25.3768,
41.8943

■ 38.5851, 25.3768,
41.8943

■ 36.2138, 21.7136,
37.7757

■ 41.5140, 30.0944,
46.3850

■ 34.3552, 19.0165,
34.0107

■ 45.0363, 35.9378,
51.2620

■ 32.9606, 17.1894,
30.5804

■ 49.1872, 42.9765,
56.5401

■ 31.9706, 16.1138,
27.4617

■ 53.9988, 51.2733,
62.2325

■ 31.5108, 15.7076,
25.7255

■ 59.5005, 60.8867,
68.3519

■ 65.7202, 71.8713,
74.9101

■ 72.6841, 84.2788,
81.9184

■ 76.8722, 91.0682,
88.2060

■ 77.9059, 91.4817,
93.6493

Harmonies

Analogous

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



33.6206, 25.3768, 66.6034



38.5851, 25.3768, 41.8943



39.2871, 25.3768, 21.3033

Triad

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



38.5851, 25.3768, 41.8943



21.7953, 25.3768, 4.8142



15.5392, 25.3768, 59.6818

Complementary

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



38.5851, 25.3768, 41.8943



32.6692, 50.9084, 31.3992

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.



13.4656, 25.3768, 35.1019



38.5851, 25.3768, 41.8943



16.6023, 25.3768, 7.9147

Square

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



38.5851, 25.3768, 41.8943



28.6889, 25.3768, 5.2846



13.8144, 25.3768, 17.0396



20.0637, 25.3768, 79.7605

Rectangle

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



38.5851, 25.3768, 41.8943



37.1233, 25.3768, 12.6624



13.8144, 25.3768, 17.0396



14.5745, 25.3768, 51.2956

Sweetspot

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



38.5859, 25.3780, 41.8948



81.2206, 75.8078, 93.6031



26.0255, 18.4049, 63.8094



17.0472, 15.6428, 19.6405



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.



38.5859, 25.3780, 41.8948



55.0601, 32.5372, 56.9820



34.2921, 23.6605, 19.2840



12.1318, 11.9375, 13.9698



19.0663, 9.4994, 15.7871



1.1025, 0.5457, 1.0745

Inverse Universe

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



38.5859, 25.3780, 41.8948



55.0601, 32.5372, 56.9820



37.7395, 52.9365, 58.0988



12.1318, 11.9375, 13.9698



19.0663, 9.4994, 15.7871



1.1025, 0.5457, 1.0745

Previews

White Background



This preview shows how the XYZ color 38.5851, 25.3768, 41.8943 looks on a white background.

Color Contrast Check

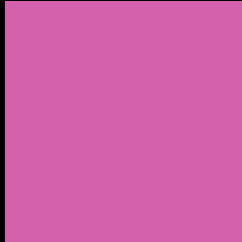
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5851, 25.3768, 41.8943 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 38.5851, 25.3768, 41.8943

Background



This preview shows how black text looks on a background with the XYZ color 38.5851, 25.3768, 41.8943.



This preview shows how white text looks on a background with the XYZ color 38.5851, 25.3768,

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

38.5851, 25.3768, 41.8943

Protanopia

26.6829, 25.6073, 58.7947

Deuteranopia

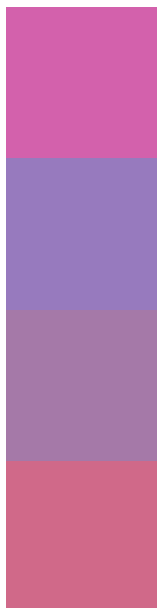
26.0281, 25.4844, 39.6235



Tritanopia

34.1331, 25.3434, 19.9224

Trichromacy



Original Color

38.5851, 25.3768, 41.8943

Protanomaly

29.0163, 24.2161, 51.8600

Deuteranomaly

29.4223, 24.5012, 40.2243

Tritanomaly

35.5794, 25.3192, 26.6788

Monochromacy



Original Color

38.5851, 25.3768, 41.8943

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.6010, 24.7893, 32.9831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5851, 25.3768, 41.8943 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(211, 97, 172)` looks like.

```
.text, #text, p{  
    color:rgb(211, 97, 172)  
}
```

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(211, 97, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 97, 172) }
```

Border

The CSS property to change the border of an element to XYZ 38.5851, 25.3768, 41.8943 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(211, 97, 172) }
```


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

```
.border{ border-color:rgb(211, 97, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 97, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 97, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 97, 172);  
box-shadow:4px 4px 4px 4px rgb(211, 97,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5851, 25.3768, 41.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 97, 172) }
```

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

```
.background{ background-color: rgb(211, 97,  
172) }
```

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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