

Converting Colors

XYZ(38.7937, 24.3786, 35.4010)

Have a look what the booklet for
XYZ(38.7937, 24.3786, 35.4010)
contains.

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Color

**XYZ(38.8796, 24.3797,
35.4575)**

Conversions

Conversions Part 1

Format	Color
Hex	DB579F
RGB	219, 87, 159
RGB Percent	86%, 34%, 62%
CMY	0.1412, 0.6588, 0.3765
CMYK	0.00, 0.60, 0.27, 0.14
HSL	327°, 65%, 60%
HSV	327°, 60%, 86%
XYZ	38.8796, 24.3797, 35.4575
YIQ	134.6760, 55.5600, 50.3760

Conversions

Conversions Part 2

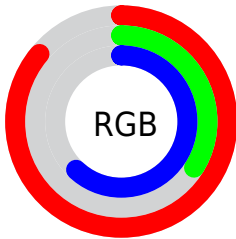
Format	Color
R _Y B	219, 87, 159
Decimal	14374815
CIE Lab	56.47, 58.81, -12.66
CIE LCh	56, 60.156, 347.854
Yxy	24.3797, 0.3938, 0.2470
Android (android.graphics.Color)	4292564895 (0xFFDB579F)
YUV	134.6760, 11.9917, 73.9521
Hunter-Lab	49.3758, 54.1472, -8.0140

Details

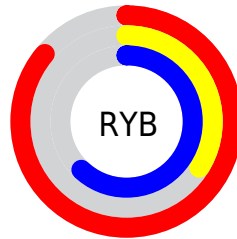
The XYZ color **38.8796, 24.3797, 35.4575** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **34.5298, 54.7965, 36.3636**, and the grayscale version is **22.8529, 24.0430, 26.1829**.

A 20% lighter version of the original color is **63.2001, 45.7600, 69.1199**, and **17.5306, 9.2096, 15.0410** is the 20% darker color. If you saturate the color by 10%, you get **36.5384, 21.0244, 30.5852**, and if you desaturate by 10%, it is **41.8295, 28.8406, 40.8764**.

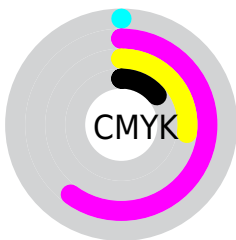
Distribution



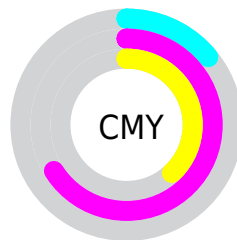
- Red (86%)
- Green (34%)
- Blue (62%)



- Red (86%)
- Yellow (34%)
- Blue (62%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (66%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8796, 24.3797, 35.4575 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 38.8796, 24.3797, 35.4575 by changing the saturation by 10% instead.

 38.8796, 24.3797,
35.4575


 38.8796, 24.3797,
35.4575

332.5943,
274.7345, 341.5485

 26.8464, 15.6155,
23.7291


 72.7496, 50.6491,
69.3535


 17.5939, 9.2525,
14.9225


 95.3171, 68.9231,
92.3582

 10.7567, 4.9062,
8.6190


 122.1267, 91.1359,
119.9588

 5.9696, 2.1924,
4.4001

 153.5438,
117.6718, 152.5738

 2.8671, 0.7158,
1.8473

189.9338,
148.9152, 190.6217

 1.0839, 0.0000,
0.4589

231.6620,

 0.0116, 0.0000,

185.2505, 234.5211

0.0000

279.0937,
227.0622, 284.6905

■ 0.0000, 0.0000,
0.0000

■ 38.8796, 24.3797,
35.4575

■ 38.8796, 24.3797,
35.4575

■ 36.5384, 21.0244,
30.5852

■ 41.8295, 28.8406,
40.8764

■ 34.7517, 18.6697,
26.2328

■ 45.4316, 34.4921,
46.8636

■ 33.4588, 17.1964,
22.3719

■ 49.7276, 41.4153,
53.4407

■ 32.5703, 16.4028,
19.0441

■ 54.7552, 49.6827,
60.6276

■ 60.5490, 59.3617,
68.4428

■ 67.1415, 70.5149,
76.9042

■ 74.5632, 83.2012,
86.0285

■ 80.5004, 92.7909,
95.0511

■ 82.0094, 93.3944,
102.9970

Harmonies

Analogous

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



34.5836, 24.3797, 61.4817



38.8796, 24.3797, 35.4575



38.3944, 24.3797, 16.4396

Triad

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



38.8796, 24.3797, 35.4575



19.3050, 24.3797, 4.2198



15.2994, 24.3797, 66.3304

Complementary

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



38.8796, 24.3797, 35.4575



34.5298, 54.7965, 36.3636

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.



12.6221, 24.3797, 40.1218



38.8796, 24.3797, 35.4575



14.5956, 24.3797, 8.2338

Square

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



38.8796, 24.3797, 35.4575



26.1047, 24.3797, 3.9364



12.3933, 24.3797, 19.2677



20.4679, 24.3797, 84.4419

Rectangle

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



38.8796, 24.3797, 35.4575



35.4321, 24.3797, 9.2834



12.3933, 24.3797, 19.2677



14.1272, 24.3797, 57.7111

Sweetspot

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



38.8803, 24.3809, 35.4580



78.9357, 72.8583, 87.8466



28.1211, 18.0802, 69.0256



16.4118, 14.7917, 18.1342



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.



38.8803, 24.3809, 35.4580



50.9212, 28.7785, 41.6702



34.6251, 22.6788, 13.0500



13.3516, 13.1698, 15.1130



19.3686, 9.7485, 11.5870



1.2981, 0.6489, 0.9785

Inverse Universe

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



38.8803, 24.3809, 35.4580



50.9212, 28.7785, 41.6702



41.1970, 57.4634, 71.4728



13.3516, 13.1698, 15.1130



19.3686, 9.7485, 11.5870



1.2981, 0.6489, 0.9785

Previews

White Background



This preview shows how the XYZ color 38.8796, 24.3797, 35.4575 looks on a white background.

Color Contrast Check

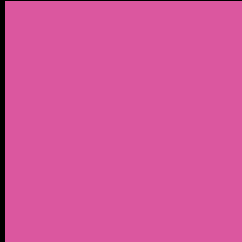
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8796, 24.3797, 35.4575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

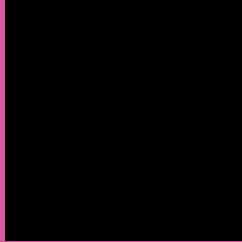
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.8796, 24.3797, 35.4575

Background



This preview shows how black text looks on a background with the XYZ color 38.8796, 24.3797, 35.4575.



This preview shows how white text looks on a background with the XYZ color 38.8796, 24.3797,

35.4575.

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

38.8796, 24.3797, 35.4575

Protanopia

25.5107, 24.7075, 53.2936

Deuteranopia

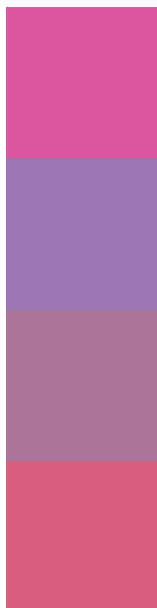
25.0741, 24.5203, 33.1171



Tritanopia

34.7949, 24.2604, 16.4845

Trichromacy



Original Color

38.8796, 24.3797, 35.4575

Protanomaly

28.1171, 22.9864, 46.1349

Deuteranomaly

28.7393, 23.4034, 34.0129

Tritanomaly

36.1128, 24.2640, 22.1821

Monochromacy



Original Color

38.8796, 24.3797, 35.4575

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.2384, 23.0775, 29.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8796, 24.3797, 35.4575 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, 87, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 87, 159)  
}
```

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, 87, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 87, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.8796, 24.3797, 35.4575 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, 87, 159) }
```


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

```
.border{ border-color:rgb(219, 87, 159) }
```

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

Here you see how a box with a 4 pixel rgb(219, 87, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 87, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 87, 159);  
box-shadow:4px 4px 4px 4px rgb(219, 87,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8796, 24.3797, 35.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 87, 159) }
```

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

```
.background{ background-color: rgb(219, 87,  
159) }
```

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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