

Converting Colors

XYZ(40.0320, 25.8356, 38.4565)

Have a look what the booklet for
XYZ(40.0320, 25.8356, 38.4565)
contains.

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Color

**XYZ(40.0077, 25.7821,
38.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5EA5
RGB	219, 94, 165
RGB Percent	86%, 37%, 65%
CMY	0.1412, 0.6313, 0.3529
CMYK	0.00, 0.57, 0.25, 0.14
HSL	326°, 63%, 61%
HSV	326°, 57%, 86%
XYZ	40.0077, 25.7821, 38.4651
YIQ	139.4690, 51.7090, 48.5810

Conversions

Conversions Part 2

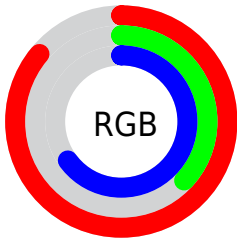
Format	Color
R _Y B	219, 94, 165
Decimal	14376613
CIE Lab	57.83, 56.49, -14.09
CIE LCh	58, 58.218, 345.993
Yxy	25.7821, 0.3837, 0.2473
Android (android.graphics.Color)	4292566693 (0xFFDB5EA5)
YUV	139.4690, 12.5868, 69.7487
Hunter-Lab	50.7761, 51.7863, -9.3715

Details

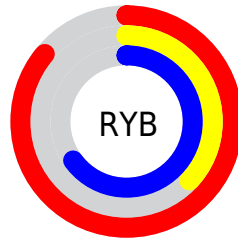
The XYZ color **40.0077, 25.7821, 38.4651** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **35.2943, 55.1817, 36.8107**, and the grayscale version is **24.6614, 25.9457, 28.2549**.

A 20% lighter version of the original color is **64.9057, 47.9222, 73.5391**, and **18.3095, 10.0311, 16.5940** is the 20% darker color. If you saturate the color by 10%, you get **37.4997, 22.0934, 33.5363**, and if you desaturate by 10%, it is **43.1333, 30.6035, 43.9146**.

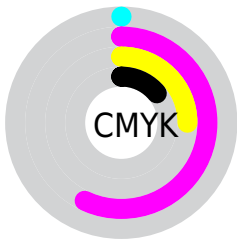
Distribution



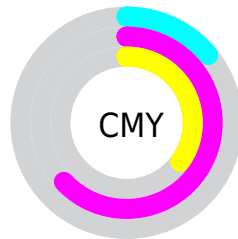
- Red (86%)
- Green (37%)
- Blue (65%)



- Red (86%)
- Yellow (37%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (25%)
- Black (14%)



- Cyan (14%)
- Magenta (63%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0077, 25.7821, 38.4651 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 40.0077, 25.7821, 38.4651 by changing the saturation by 10% instead.


 40.0077, 25.7821,
38.4651


 40.0077, 25.7821,
38.4651


337.2899,
281.7108, 354.9688


 27.7288, 16.6607,
26.0392


 74.4595, 52.9232,
74.0318


 18.2607, 9.9929,
16.6270


 97.3631, 71.7117,
98.0097

 11.2382, 5.3942,
9.8098


 124.5390, 94.4914,
126.6753

 6.2957, 2.4804,
5.1690

 156.3525,
121.6466, 160.4472

 3.0681, 0.8668,
2.2863

193.1690,
153.5617, 199.7440

 1.1899, 0.0000,
0.7235

235.3538,

 0.0983, 0.0000,

190.6212, 244.9842

0.0000

283.2723,
233.2094, 296.5862

■ 0.0000, 0.0000,
0.0000

■ 40.0077, 25.7821,
38.4651

■ 40.0077, 25.7821,
38.4651

■ 37.4997, 22.0934,
33.5363

■ 43.1333, 30.6035,
43.9146

■ 35.5574, 19.4368,
29.1035

■ 46.9181, 36.6392,
49.9044

■ 34.1241, 17.7004,
25.1410

■ 51.4022, 43.9677,
56.4546

■ 33.1240, 16.7356,
21.6163

■ 56.6223, 52.6597,
63.5836

■ 32.8763, 16.5252,
20.6545

■ 62.6119, 62.7809,
71.3085

■ 69.4028, 74.3924,
79.6458

■ 77.0246, 87.5522,
88.6111

■ 80.8046, 92.9126,
96.6523

■ 82.2528, 93.4918,
104.2782

Harmonies

Analogous

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



35.5072, 25.7821, 64.2355



40.0077, 25.7821, 38.4651



39.8406, 25.7821, 18.7411

Triad

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



40.0077, 25.7821, 38.4651



20.9832, 25.7821, 4.9390



16.2987, 25.7821, 65.8888

Complementary

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



40.0077, 25.7821, 38.4651



35.2943, 55.1817, 36.8107

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.



13.7169, 25.7821, 40.0781



40.0077, 25.7821, 38.4651



16.0488, 25.7821, 8.9149

Square

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



40.0077, 25.7821, 38.4651



27.9066, 25.7821, 4.8313



13.6351, 25.7821, 19.7436



21.3919, 25.7821, 84.4817

Rectangle

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



40.0077, 25.7821, 38.4651



37.0768, 25.7821, 10.9753



13.6351, 25.7821, 19.7436



15.1548, 25.7821, 57.3378

Sweetspot

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



40.0085, 25.7834, 38.4656



79.8759, 74.2441, 89.6848



28.6592, 19.2401, 69.2214



16.7590, 15.3255, 18.7456



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.



40.0085, 25.7834, 38.4656



52.4744, 30.5333, 46.3546



35.7371, 24.0748, 15.9730



13.3643, 13.1748, 15.1798



19.5499, 9.8210, 12.5416



1.3095, 0.6534, 1.0385

Inverse Universe

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



40.0085, 25.7834, 38.4656



52.4744, 30.5333, 46.3546



41.4057, 57.6263, 68.9929



13.3643, 13.1748, 15.1798



19.5499, 9.8210, 12.5416



1.3095, 0.6534, 1.0385

Previews

White Background



This preview shows how the XYZ color 40.0077, 25.7821, 38.4651 looks on a white background.

Color Contrast Check

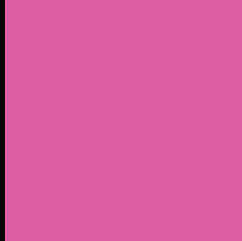
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0077, 25.7821, 38.4651 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 40.0077, 25.7821, 38.4651

Background



This preview shows how black text looks on a background with the XYZ color 40.0077, 25.7821, 38.4651.



This preview shows how white text looks on a background with the XYZ color 40.0077, 25.7821,

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

40.0077, 25.7821, 38.4651

Protanopia

26.7946, 25.9418, 55.8196

Deuteranopia

26.4773, 26.0062, 35.9720



Tritanopia

35.8662, 25.7965, 18.7116

Trichromacy



Original Color

40.0077, 25.7821, 38.4651



Protanomaly

29.4990, 24.3456, 49.0434



Deuteranomaly

30.0650, 24.9059, 36.9409



Tritanomaly

37.2351, 25.7676, 24.8409

Monochromacy



Original Color

40.0077, 25.7821, 38.4651



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

28.5767, 24.6289, 31.2647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0077, 25.7821, 38.4651 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, 94, 165)` looks like.

```
.text, #text, p{  
    color:rgb(219, 94, 165)  
}
```

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, 94, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 94, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.0077, 25.7821, 38.4651 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, 94, 165) }
```


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

```
.border{ border-color:rgb(219, 94, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 94, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 94, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 94, 165);  
box-shadow:4px 4px 4px 4px rgb(219, 94,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0077, 25.7821, 38.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 94, 165) }
```

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

```
.background{ background-color: rgb(219, 94,  
165) }
```

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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