

Converting Colors

XYZ(41.0447, 25.3556, 46.0803)

Have a look what the booklet for
XYZ(41.0447, 25.3556, 46.0803)
contains.

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Color

**XYZ(40.9414, 25.3348,
45.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	DB58B4
RGB	219, 88, 180
RGB Percent	86%, 35%, 71%
CMY	0.1412, 0.6549, 0.2941
CMYK	0.00, 0.60, 0.18, 0.14
HSL	318°, 65%, 60%
HSV	318°, 60%, 86%
XYZ	40.9414, 25.3348, 45.9123
YIQ	137.6570, 48.5440, 56.3840

Conversions

Conversions Part 2

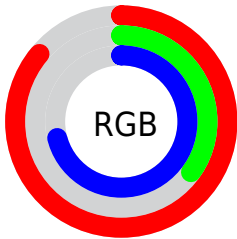
Format	Color
R _Y B	219, 88, 180
Decimal	14375092
CIE Lab	57.40, 61.23, -23.42
CIE LCh	57, 65.558, 339.066
Yxy	25.3348, 0.3649, 0.2258
Android (android.graphics.Color)	4292565172 (0xFFDB58B4)
YUV	137.6570, 20.8751, 71.3378
Hunter-Lab	50.3337, 57.1079, -18.8483

Details

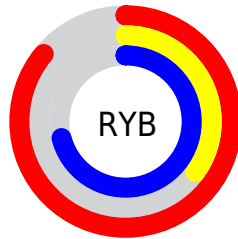
The XYZ color **40.9414, 25.3348, 45.9123** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.1881, 54.2710, 28.8072**, and the grayscale version is **23.9382, 25.1848, 27.4263**.

A 20% lighter version of the original color is **66.3536, 47.2626, 84.9823**, and **18.8553, 9.7626, 20.9693** is the 20% darker color. If you saturate the color by 10%, you get **38.7575, 22.0049, 41.9839**, and if you desaturate by 10%, it is **43.6979, 29.7593, 50.1862**.

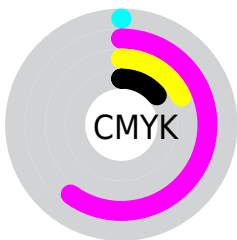
Distribution



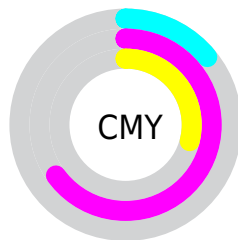
- Red (86%)
- Green (35%)
- Blue (71%)



- Red (86%)
- Yellow (35%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (18%)
- Black (14%)



- Cyan (14%)
- Magenta (65%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9414, 25.3348, 45.9123 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 40.9414, 25.3348, 45.9123 by changing the saturation by 10% instead.


 40.9414, 25.3348,
45.9123


 40.9414, 25.3348,
45.9123

341.1424,
279.5012, 386.7233

 28.4608, 16.3267,
31.8285


 75.8702, 52.1998,
85.4206


 18.8155, 9.7556,
20.9668


 99.0491, 70.8256,
111.6822

 11.6403, 5.2372,
12.9087


 126.5247, 93.4259,
142.8401

 6.5697, 2.3871,
7.2357

 158.6626,
120.3853, 179.3128

 3.2384, 0.8192,
3.5293

195.8279,
152.0881, 221.5190

 1.2810, 0.0000,
1.3708

238.3861,

 0.1690, 0.0000,

188.9188, 269.8771

0.1188

286.7024,
231.2617, 324.8057

■ 0.0000, 0.0000,
0.0000

■ 40.9414, 25.3348,
45.9123

■ 40.9414, 25.3348,
45.9123

■ 38.7575, 22.0049,
41.9839

■ 43.6979, 29.7593,
50.1862

■ 37.0934, 19.6655,
38.3807

■ 47.0690, 35.3625,
54.8209

■ 35.8902, 18.1993,
35.0811

■ 51.0950, 42.2244,
59.8322

■ 35.0441, 17.3994,
32.0482

■ 55.8125, 50.4171,
65.2342

■ 35.0297, 17.3866,
31.9938

■ 61.2550, 60.0072,
71.0400

■ 67.4538, 71.0568,
77.2621

■ 74.4383, 83.6242,
83.9120

■ 79.5622, 92.4156,
90.1094

■ 80.5068, 92.7934,
95.0833

Harmonies

Analogous

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



34.7993, 25.3348, 76.0532



40.9414, 25.3348, 45.9123



42.0931, 25.3348, 21.3664

Triad

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



40.9414, 25.3348, 45.9123



21.7974, 25.3348, 3.2144



14.2273, 25.3348, 64.3834

Complementary

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



40.9414, 25.3348, 45.9123



33.1881, 54.2710, 28.8072

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.



12.1164, 25.3348, 34.9071



40.9414, 25.3348, 45.9123



15.8245, 25.3348, 5.8928

Square

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



40.9414, 25.3348, 45.9123



29.8340, 25.3348, 3.7934



12.6302, 25.3348, 14.9283



19.1179, 25.3348, 90.1237

Rectangle

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



40.9414, 25.3348, 45.9123



39.6766, 25.3348, 11.5599



12.6302, 25.3348, 14.9283



13.2227, 25.3348, 54.0939

Sweetspot

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



40.9422, 25.3360, 45.9128



79.9922, 73.2809, 93.4098



24.7518, 16.4642, 68.8917



16.6704, 14.8952, 19.4961



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.



40.9422, 25.3360, 45.9128



53.9836, 30.0035, 57.7967



35.8790, 23.3108, 19.2502



13.4406, 13.2053, 15.5815



20.8211, 10.3295, 19.2356



1.3861, 0.6841, 1.4422

Inverse Universe

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



40.9422, 25.3360, 45.9128



53.9836, 30.0035, 57.7967



38.7189, 56.4833, 57.9322



13.4406, 13.2053, 15.5815



20.8211, 10.3295, 19.2356



1.3861, 0.6841, 1.4422

Previews

White Background



This preview shows how the XYZ color 40.9414, 25.3348, 45.9123 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 40.9414, 25.3348, 45.9123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

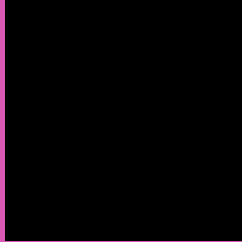
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.9414, 25.3348, 45.9123

Background



This preview shows how black text looks on a background with the XYZ color 40.9414, 25.3348, 45.9123.



This preview shows how white text looks on a background with the XYZ color 40.9414, 25.3348,

45.9123.

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

40.9414, 25.3348, 45.9123

Protanopia

27.5129, 25.8062, 69.1767

Deuteranopia

26.0821, 25.6552, 42.6070



Tritanopia

35.1276, 25.2701, 18.3554

Trichromacy



Original Color

40.9414, 25.3348, 45.9123



Protanomaly

29.7087, 23.8492, 60.1643



Deuteranomaly

29.8517, 24.2881, 43.6722



Tritanomaly

37.0015, 25.1769, 26.5763

Monochromacy



Original Color

40.9414, 25.3348, 45.9123



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

28.4026, 23.9483, 33.2625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9414, 25.3348, 45.9123 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, 88, 180)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 180)  
}
```

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, 88, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 180) }
```

Border

The CSS property to change the border of an element to XYZ 40.9414, 25.3348, 45.9123 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, 88, 180) }
```


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

```
.border{ border-color:rgb(219, 88, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 180);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9414, 25.3348, 45.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 180) }
```

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

```
.background{ background-color: rgb(219, 88,  
180) }
```

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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