

Converting Colors

XYZ(41.6665, 25.4622, 49.7323)

Have a look what the booklet for
XYZ(41.6665, 25.4622, 49.7323)
contains.

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Color

**XYZ(41.5913, 25.4643,
49.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	DB57BB
RGB	219, 87, 187
RGB Percent	86%, 34%, 73%
CMY	0.1412, 0.6588, 0.2667
CMYK	0.00, 0.60, 0.15, 0.14
HSL	315°, 65%, 60%
HSV	315°, 60%, 86%
XYZ	41.5913, 25.4643, 49.7367
YIQ	137.8680, 46.5720, 59.0840

Conversions

Conversions Part 2

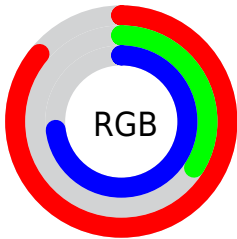
Format	Color
R _Y B	219, 87, 187
Decimal	14374843
CIE Lab	57.53, 62.68, -27.26
CIE LCh	58, 68.352, 336.494
Yxy	25.4643, 0.3561, 0.2180
Android (android.graphics.Color)	4292564923 (0xFFDB57BB)
YUV	137.8680, 24.2221, 71.1528
Hunter-Lab	50.4622, 58.8123, -23.1141

Details

The XYZ color **41.5913, 25.4643, 49.7367** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **32.5931, 54.0222, 26.1644**, and the grayscale version is **24.0065, 25.2567, 27.5045**.

A 20% lighter version of the original color is **67.2401, 47.3760, 90.3946**, and **19.2185, 9.8443, 23.0775** is the 20% darker color. If you saturate the color by 10%, you get **39.5217, 22.2177, 46.2942**, and if you desaturate by 10%, it is **44.2212, 29.7971, 53.4701**.

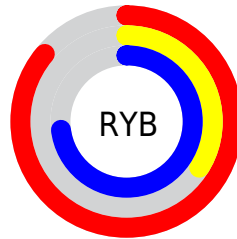
Distribution



Red (86%)

Green (34%)

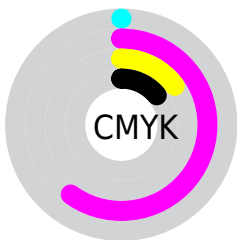
Blue (73%)



Red (86%)

Yellow (34%)

Blue (73%)

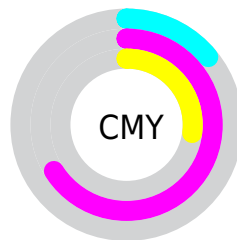


Cyan (0%)

Magenta (60%)

Yellow (15%)

Black (14%)



Cyan (14%)


Magenta (66%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5913, 25.4643, 49.7367 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 41.5913, 25.4643, 49.7367 by changing the saturation by 10% instead.


 41.5913, 25.4643,
49.7367


 41.5913, 25.4643,
49.7367


343.8064,
280.1424, 402.3409


 28.9711, 16.4233,
34.8345


 76.8498, 52.4095,
91.1769


 19.2031, 9.8242,
23.2529


 100.2187, 71.0824,
118.5520

 11.9220, 5.2825,
14.5733


 127.9013, 93.7348,
150.9219

 6.7624, 2.4140,
8.3772

 160.2629,
120.7511, 188.7050

 3.3590, 0.8331,
4.2460

197.6689,
152.5156, 232.3199

 1.3463, 0.0000,
1.7613

240.4846,

 0.2175, 0.0000,

189.4127, 282.1852

0.4022

289.0753,
231.8268, 338.7193

■ 0.0000, 0.0000,
0.0000

■ 41.5913, 25.4643,
49.7367

■ 41.5913, 25.4643,
49.7367

■ 39.5217, 22.2177,
46.2942

■ 44.2212, 29.7971,
53.4701

■ 37.9594, 19.9527,
43.1232

■ 47.4533, 35.3006,
57.5088

■ 36.8451, 18.5509,
40.2029

■ 51.3280, 42.0552,
61.8676

■ 36.0881, 17.8100,
37.5672

■ 55.8818, 50.1331,
66.5596

■ 61.1481, 59.6011,
71.5971

■ 67.1582, 70.5213,
76.9915

■ 73.9414, 82.9522,
82.7537

■ 79.1831, 92.2640,
88.1129

■ 79.9381, 92.5660,
92.0885

Harmonies

Analogous

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



34.7626, 25.4643, 81.6686



41.5913, 25.4643, 49.7367



43.3353, 25.4643, 22.9567

Triad

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



41.5913, 25.4643, 49.7367



22.4747, 25.4643, 2.7745



13.6703, 25.4643, 63.8685

Complementary

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



41.5913, 25.4643, 49.7367



32.5931, 54.0222, 26.1644

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.



11.7395, 25.4643, 33.1146



41.5913, 25.4643, 49.7367



16.0329, 25.4643, 5.0416

Square

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



41.5913, 25.4643, 49.7367



31.0017, 25.4643, 3.5824



12.4954, 25.4643, 13.4095



18.4790, 25.4643, 92.5419

Rectangle

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



41.5913, 25.4643, 49.7367



41.0980, 25.4643, 12.1453



12.4954, 25.4643, 13.4095



12.7188, 25.4643, 52.9327

Sweetspot

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



41.5921, 25.4655, 49.7372



80.3747, 73.4339, 95.4241



23.6398, 15.7699, 68.8165



16.7644, 14.9328, 19.9915



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.



41.5921, 25.4655, 49.7372



55.2126, 30.4951, 64.2684



36.1480, 23.2879, 21.0688



13.4724, 13.2181, 15.7489



21.4434, 10.5784, 22.5130



1.4222, 0.6985, 1.6323

Inverse Universe

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



41.5921, 25.4655, 49.7372



55.2126, 30.4951, 64.2684



37.8939, 56.1425, 54.0783



13.4724, 13.2181, 15.7489



21.4434, 10.5784, 22.5130



1.4222, 0.6985, 1.6323

Previews

White Background



This preview shows how the XYZ color 41.5913, 25.4643, 49.7367 looks on a white background.

Color Contrast Check

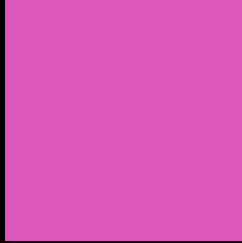
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5913, 25.4643, 49.7367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

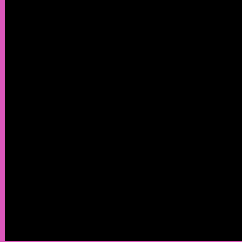
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5913, 25.4643, 49.7367

Background



This preview shows how black text looks on a background with the XYZ color 41.5913, 25.4643, 49.7367.



This preview shows how white text looks on a background with the XYZ color 41.5913, 25.4643,

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

41.5913, 25.4643, 49.7367

Protanopia

28.1251, 25.9829, 75.4843

Deuteranopia

26.1468, 25.6088, 46.2127



Tritanopia

35.2860, 25.4974, 18.6845

Trichromacy



Original Color

41.5913, 25.4643, 49.7367



Protanomaly

30.0392, 23.7301, 65.2845



Deuteranomaly

29.8222, 24.0156, 47.3196



Tritanomaly

37.2198, 25.2642, 27.7257

Monochromacy



Original Color

41.5913, 25.4643, 49.7367



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

28.5339, 23.8094, 34.5443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5913, 25.4643, 49.7367 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(219, 87, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 87, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.5913, 25.4643, 49.7367 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, 187) }
```


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

```
.border{ border-color:rgb(219, 87, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 87, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 87, 187);  
box-shadow:4px 4px 4px 4px rgb(219, 87,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5913, 25.4643, 49.7367 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, 187) }
```

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

```
.background{ background-color: rgb(219, 87,  
187) }
```

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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