

Converting Colors

XYZ(41.8141, 25.7504, 50.3008)

Have a look what the booklet for
XYZ(41.8141, 25.7504, 50.3008)
contains.

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Color

**XYZ(41.8629, 25.8357,
50.3573)**

Conversions

Conversions Part 1

Format	Color
Hex	DB59BC
RGB	219, 89, 188
RGB Percent	86%, 35%, 74%
CMY	0.1412, 0.6510, 0.2627
CMYK	0.00, 0.59, 0.14, 0.14
HSL	314°, 64%, 60%
HSV	314°, 59%, 86%
XYZ	41.8629, 25.8357, 50.3573
YIQ	139.1560, 45.7010, 58.3490

Conversions

Conversions Part 2

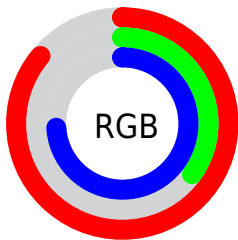
Format	Color
RYB	219, 89, 188
Decimal	14375356
CIELab	57.88, 61.97, -27.29
CIElCh	58, 67.713, 336.236
Yxy	25.8357, 0.3546, 0.2188
Android (android.graphics.Color)	4292565436 (0xFFDB59BC)
YUV	139.1560, 24.0801, 70.0232
Hunter-Lab	50.8288, 58.0631, -23.1598

Details

The XYZ color **41.8629, 25.8357, 50.3573** 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 **32.8428, 54.1439, 26.4914**, and the grayscale version is **24.4996, 25.7755, 28.0695**.

A 20% lighter version of the original color is **67.6945, 48.0425, 91.2932**, and **19.3704, 10.0371, 23.4707** is the 20% darker color. If you saturate the color by 10%, you get **39.7513, 22.4969, 46.9258**, and if you desaturate by 10%, it is **44.5385, 30.2690, 54.0777**.

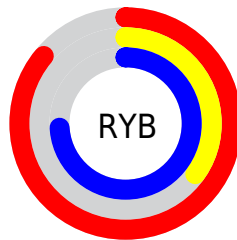
Distribution



Red (86%)

Green (35%)

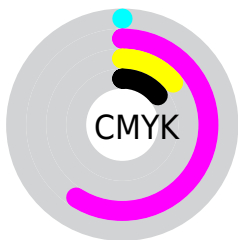
Blue (74%)



Red (86%)

Yellow (35%)

Blue (74%)

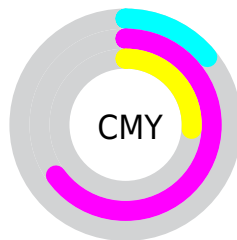


Cyan (0%)

Magenta (59%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (65%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8629, 25.8357, 50.3573 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 41.8629, 25.8357, 50.3573 by changing the saturation by 10% instead.


 41.8629, 25.8357,
50.3573


 41.8629, 25.8357,
50.3573


344.9156,
281.9746, 404.8366

 29.1846, 16.7008,
35.3242


 77.2586, 53.0098,
92.1058


 19.3655, 10.0214,
23.6272


 100.7066, 71.8177,
119.6583

 12.0402, 5.4131,
14.8477


 128.4753, 94.6187,
152.2210

 6.8435, 2.4916,
8.5671

 160.9300,
121.7973, 190.2124

 3.4099, 0.8724,
4.3670

198.4360,
153.7378, 234.0512

 1.3740, 0.0000,
1.8288

241.3587,

 0.2376, 0.0000,

190.8246, 284.1558

0.4468

290.0634,
233.4420, 340.9447

■ 0.0000, 0.0000,
0.0000

■ 41.8629, 25.8357,
50.3573

■ 41.8629, 25.8357,
50.3573

■ 39.7513, 22.4969,
46.9258

■ 44.5385, 30.2690,
54.0777

■ 38.1512, 20.1493,
43.7642

■ 47.8193, 35.8803,
58.1013

■ 37.0046, 18.6766,
40.8520

■ 51.7456, 42.7492,
62.4425

■ 36.2141, 17.8848,
38.1560

■ 56.3534, 50.9475,
67.1146

■ 36.1679, 17.8419,
37.9876

■ 61.6760, 60.5415,
72.1294

■ 67.7444, 71.5929,
77.4984

■ 74.5878, 84.1598,
83.2323

■ 79.2259, 92.2811,
88.3384

■ 79.9696, 92.5786,
92.2549

Harmonies

Analogous

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



35.0279, 25.8357, 82.0471



41.8629, 25.8357, 50.3573



43.6508, 25.8357, 23.5337

Triad

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



41.8629, 25.8357, 50.3573



22.8936, 25.8357, 2.9499



13.9645, 25.8357, 63.8538

Complementary

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



41.8629, 25.8357, 50.3573



32.8428, 54.1439, 26.4914

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.



12.0441, 25.8357, 33.2904



41.8629, 25.8357, 50.3573



16.4118, 25.8357, 5.2435

Square

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



41.8629, 25.8357, 50.3573



31.4246, 25.8357, 3.8088



12.8289, 25.8357, 13.6489



18.7693, 25.8357, 92.4020

Rectangle

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



41.8629, 25.8357, 50.3573



41.4567, 25.8357, 12.5943



12.8289, 25.8357, 13.6489



13.0150, 25.8357, 52.9877

Sweetspot

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



41.8637, 25.8369, 50.3578



80.4023, 73.4450, 95.5696



24.0136, 16.2064, 68.8808



16.7712, 14.9355, 20.0273



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.



41.8637, 25.8369, 50.3578



55.5469, 30.8955, 65.2069



36.4040, 23.6530, 21.6070



13.4747, 13.2190, 15.7609



21.4904, 10.5972, 22.7600



1.4249, 0.6996, 1.6465

Inverse Universe

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



41.8637, 25.8369, 50.3578



55.5469, 30.8955, 65.2069



38.1392, 56.2624, 54.3817



13.4747, 13.2190, 15.7609



21.4904, 10.5972, 22.7600



1.4249, 0.6996, 1.6465

Previews

White Background



This preview shows how the XYZ color 41.8629, 25.8357, 50.3573 looks on a white background.

Color Contrast Check

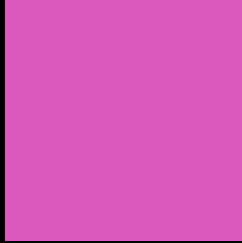
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8629, 25.8357, 50.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

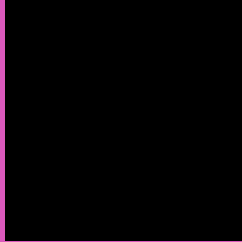
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8629, 25.8357, 50.3573

Background



This preview shows how black text looks on a background with the XYZ color 41.8629, 25.8357, 50.3573.



This preview shows how white text looks on a background with the XYZ color 41.8629, 25.8357,

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

41.8629, 25.8357, 50.3573

Protanopia

28.3820, 26.3254, 75.5369

Deuteranopia

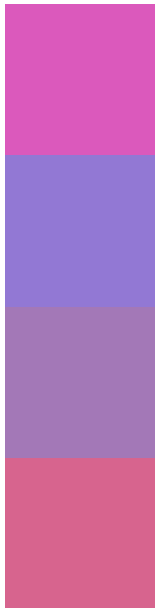
26.5440, 26.0119, 46.8018



Tritanopia

35.5036, 25.7502, 19.3187

Trichromacy



Original Color

41.8629, 25.8357, 50.3573

Protanomaly

30.4542, 24.2974, 65.3721

Deuteranomaly

30.3680, 24.6384, 47.9549

Tritanomaly

37.4640, 25.5144, 28.5414

Monochromacy



Original Color

41.8629, 25.8357, 50.3573

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

29.0716, 24.4339, 35.0823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8629, 25.8357, 50.3573 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, 89, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 89, 188)  
}
```

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, 89, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 89, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.8629, 25.8357, 50.3573 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, 89, 188) }
```


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

```
.border{ border-color:rgb(219, 89, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 89, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 89, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 89, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 89,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8629, 25.8357, 50.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 89, 188) }
```

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

```
.background{ background-color: rgb(219, 89,  
188) }
```

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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