

Converting Colors

XYZ(41.8074, 24.8175, 48.9131)

Have a look what the booklet for
XYZ(41.8074, 24.8175, 48.9131)
contains.

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Color

**XYZ(41.8558, 24.8121,
49.0375)**

Conversions

Conversions Part 1

Format	Color
Hex	DE50BA
RGB	222, 80, 186
RGB Percent	87%, 31%, 73%
CMY	0.1294, 0.6862, 0.2706
CMYK	0.00, 0.64, 0.16, 0.13
HSL	315°, 68%, 59%
HSV	315°, 64%, 87%
XYZ	41.8558, 24.8121, 49.0375
YIQ	134.5420, 50.6060, 63.0700

Conversions

Conversions Part 2

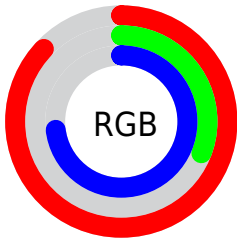
Format	Color
R _Y B	222, 80, 186
Decimal	14569658
CIE Lab	56.89, 66.21, -27.63
CIE LCh	57, 71.745, 337.351
Yxy	24.8121, 0.3617, 0.2144
Android (android.graphics.Color)	4292759738 (0xFFDE50BA)
YUV	134.5420, 25.3688, 76.7007
Hunter-Lab	49.8117, 62.8194, -23.5002

Details

The XYZ color **41.8558, 24.8121, 49.0375** 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 **32.5832, 55.2099, 25.4646**, and the grayscale version is **22.7571, 23.9422, 26.0730**.

A 20% lighter version of the original color is **66.3555, 45.8478, 89.3566**, and **19.3379, 9.4800, 23.0009** is the 20% darker color. If you saturate the color by 10%, you get **39.9040, 21.8469, 45.4926**, and if you desaturate by 10%, it is **44.3696, 28.8626, 52.8864**.

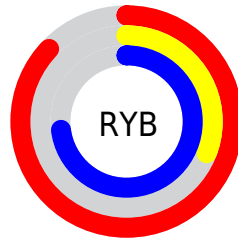
Distribution



Red (87%)

Green (31%)

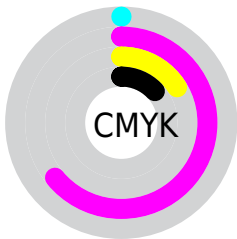
Blue (73%)



Red (87%)

Yellow (31%)

Blue (73%)

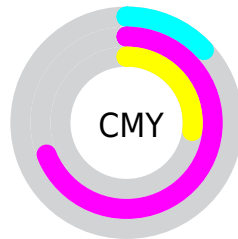


Cyan (0%)

Magenta (64%)

Yellow (16%)

Black (13%)



Cyan (13%)


Magenta (69%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8558, 24.8121, 49.0375 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 41.8558, 24.8121, 49.0375 by changing the saturation by 10% instead.


 41.8558, 24.8121,
49.0375


 41.8558, 24.8121,
49.0375


344.8866,
276.9009, 399.5166


 29.1790, 15.9371,
34.2834


 77.2479, 51.3522,
90.1287


 19.3612, 9.4797,
22.8323


 100.6939, 69.7862,
117.3029

 12.0371, 5.0554,
14.2656


 128.4603, 92.1752,
149.4543

 6.8414, 2.2798,
8.1648

 160.9125,
118.9038, 187.0012

 3.4085, 0.7630,
4.1113

198.4159,
150.3562, 230.3624

 1.3733, 0.0000,
1.6866

241.3359,

 0.2371, 0.0000,

186.9170, 279.9564

0.3515

290.0376,
228.9704, 336.2016

■ 0.0000, 0.0000,
0.0000

■ 41.8558, 24.8121,
49.0375

■ 41.8558, 24.8121,
49.0375

■ 39.9040, 21.8469,
45.4926

■ 44.3696, 28.8626,
52.8864

■ 38.4562, 19.8529,
42.2306

■ 47.4909, 34.0904,
57.0552

■ 37.4458, 18.6970,
39.2280

■ 51.2632, 40.5817,
61.5599

■ 36.9813, 18.2725,
37.5176

■ 55.7252, 48.4136,
66.4146

■ 60.9128, 57.6571,
71.6326

66.8590, 68.3781,
77.2260

73.5950, 80.6384,
83.2065

80.3123, 92.8208,
89.3057

81.1204, 93.1441,
93.5614

Harmonies

Analogous

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



34.8054, 24.8121, 83.0131



41.8558, 24.8121, 49.0375



43.5088, 24.8121, 21.5181

Triad

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



41.8558, 24.8121, 49.0375



21.5759, 24.8121, 2.2056



12.9306, 24.8121, 65.9321

Complementary

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



41.8558, 24.8121, 49.0375



32.5832, 55.2099, 25.4646

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.



10.9151, 24.8121, 33.3791



41.8558, 24.8121, 49.0375



15.0767, 24.8121, 4.4020

Square

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



41.8558, 24.8121, 49.0375



30.3676, 24.8121, 2.8616



11.5947, 24.8121, 12.8286



17.8929, 24.8121, 96.1645

Rectangle

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



41.8558, 24.8121, 49.0375



41.0400, 24.8121, 10.8465



11.5947, 24.8121, 12.8286



11.9472, 24.8121, 54.3369

Sweetspot

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



41.8566, 24.8133, 49.0380



79.5788, 72.1218, 94.2961



23.1911, 14.6916, 70.7212



16.6052, 14.6763, 19.7476



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.



41.8566, 24.8133, 49.0380



53.8319, 28.7704, 60.6119



36.1173, 22.5176, 18.8154



14.1388, 13.8732, 16.5011



22.0130, 10.8722, 22.5322



1.5612, 0.7678, 1.7483

Inverse Universe

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



41.8566, 24.8133, 49.0380



53.8319, 28.7704, 60.6119



38.3468, 57.5153, 55.8154



14.1388, 13.8732, 16.5011



22.0130, 10.8722, 22.5322



1.5612, 0.7678, 1.7483

Previews

White Background



This preview shows how the XYZ color 41.8558, 24.8121, 49.0375 looks on a white background.

Color Contrast Check

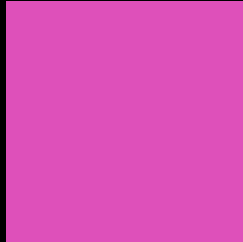
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8558, 24.8121, 49.0375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

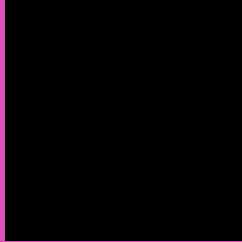
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8558, 24.8121, 49.0375

Background



This preview shows how black text looks on a background with the XYZ color 41.8558, 24.8121, 49.0375.



This preview shows how white text looks on a background with the XYZ color 41.8558, 24.8121,

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

41.8558, 24.8121, 49.0375

Protanopia

27.7378, 25.3048, 78.2853

Deuteranopia

25.6019, 25.1315, 45.6210



Tritanopia

35.0920, 24.6862, 17.1027

Trichromacy



Original Color

41.8558, 24.8121, 49.0375



Protanomaly

29.3102, 22.6405, 66.4436



Deuteranomaly

29.3715, 23.2790, 46.6613



Tritanomaly

36.9736, 24.3580, 26.0454

Monochromacy



Original Color

41.8558, 24.8121, 49.0375



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

27.8998, 22.8101, 33.5041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8558, 24.8121, 49.0375 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(222, 80, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 80, 186)  
}
```

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(222, 80, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 80, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.8558, 24.8121, 49.0375 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(222, 80, 186) }
```


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

```
.border{ border-color:rgb(222, 80, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 80, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 80, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 80, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 80,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8558, 24.8121, 49.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 80, 186) }
```

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

```
.background{ background-color: rgb(222, 80,  
186) }
```

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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