

Converting Colors

$Y_{xy}(25.4838, 0.3499, 0.2256)$

Have a look what the booklet for
Yxy(25.4838, 0.3499, 0.2256)
contains.

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Color

Yxy(25.4940, 0.3496, 0.2250)

Conversions

Conversions Part 1

Format	Color
Hex	D35FB8
RGB	211, 95, 184
RGB Percent	83%, 37%, 72%
CMY	0.1725, 0.6275, 0.2783
CMYK	0.00, 0.55, 0.13, 0.17
HSL	314°, 57%, 60%
HSV	314°, 55%, 83%
XYZ	39.6120, 25.4940, 48.2007
YIQ	139.8300, 40.5670, 52.2710

Conversions

Conversions Part 2

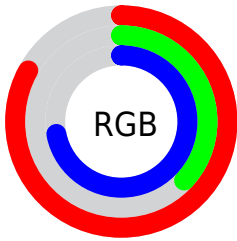
Format	Color
R _Y B	211, 95, 184
Decimal	13852600
CIE Lab	57.55, 56.44, -25.61
CIE LCh	58, 61.976, 335.593
Yxy	25.4940, 0.3496, 0.2250
Android (android.graphics.Color)	4292042680 (0xFFD35FB8)
YUV	139.8300, 21.7758, 62.4161
Hunter-Lab	50.4916, 51.6778, -21.2558

Details

The Yxy color **25.4940, 0.3496, 0.2250** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **50.4281, 0.2908, 0.4651**, and the grayscale version is **26.0586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3640, 0.3301, 0.2401**, and **9.8949, 0.3592, 0.1962** is the 20% darker color. If you saturate the color by 10%, you get **21.9930, 0.3587, 0.2106**, and if you desaturate by 10%, it is **30.0338, 0.3411, 0.2422**.

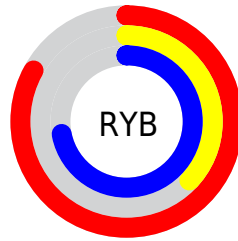
Distribution



Red (83%)

Green (37%)

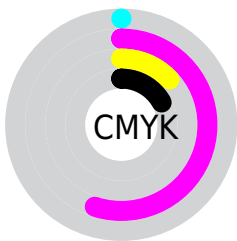
Blue (72%)



Red (83%)

Yellow (37%)

Blue (72%)

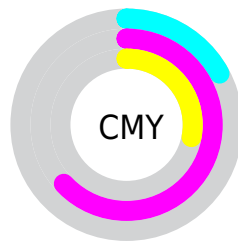


Cyan (0%)

Magenta (55%)

Yellow (13%)

Black (17%)



Cyan (17%)

Magenta (63%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4940, 0.3496, 0.2250 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 Yxy color 25.4940, 0.3496, 0.2250 by changing the saturation by 10% instead.


 25.4940, 0.3496,
0.2250


 25.4940, 0.3496,
0.2250


280.2892, 0.3316,
0.2770

 16.4455, 0.3538,
0.2122


 52.4575, 0.3432,
0.2438

 9.8399, 0.3591,
0.1960


 71.1413, 0.3408,
0.2509

 5.2930, 0.3658,
0.1749


 93.8056, 0.3387,
0.2569

 2.4202, 0.3743,
0.1466

 120.8349, 0.3369,
0.2620

 0.8362, 0.3850,
0.1074

152.6135, 0.3353,
0.2665

 0.0000, 0.4188,
0.0000

189.5258, 0.3340,

 0.0000, 0.1900,

0.2704

0.0000

231.9563, 0.3327,
0.2739

0.0000, 0.0000,
0.0000

25.4940, 0.3496,
0.2250

25.4940, 0.3496,
0.2250

21.9930, 0.3587,
0.2106

30.0338, 0.3411,
0.2422

19.4419, 0.3680,
0.1999

35.6846, 0.3333,
0.2611

17.7429, 0.3773,
0.1937

42.5163, 0.3264,
0.2808

16.7752, 0.3864,
0.1922

50.5920, 0.3203,
0.3005

16.4567, 0.3908,
0.1927

59.9703, 0.3150,
0.3197

■ 70.7062, 0.3106,
0.3381

■ 82.8514, 0.3067,
0.3553

■ 90.7124, 0.3037,
0.3625

■ 90.9813, 0.3010,
0.3572

Harmonies

Analogous

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



25.4940, 0.2485, 0.1892



25.4940, 0.3496, 0.2250



25.4940, 0.4550, 0.2808

Triad

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



25.4940, 0.3496, 0.2250



25.4940, 0.4388, 0.4891



25.4940, 0.1460, 0.2582

Complementary

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



25.4940, 0.3496, 0.2250



50.4281, 0.2908, 0.4651

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.



25.4940, 0.1807, 0.3638



25.4940, 0.3496, 0.2250



25.4940, 0.3482, 0.5264

Square

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



25.4940, 0.3496, 0.2250



25.4940, 0.5029, 0.4191



25.4940, 0.2536, 0.4805



25.4940, 0.1470, 0.1991

Rectangle

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



25.4940, 0.3496, 0.2250



25.4940, 0.5020, 0.3245



25.4940, 0.2536, 0.4805



25.4940, 0.1533, 0.2886

Sweetspot

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



25.4952, 0.3496, 0.2250



76.0785, 0.3210, 0.2982



16.8890, 0.2267, 0.1622



15.7077, 0.3222, 0.2941



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4952, 0.3496, 0.2250



32.9794, 0.3603, 0.2084



23.5879, 0.4274, 0.2893



11.9601, 0.3173, 0.3113



9.9475, 0.3895, 0.1920



0.5679, 0.3744, 0.1836

Inverse Universe

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



25.4952, 0.3496, 0.2250



32.9794, 0.3603, 0.2084



52.2437, 0.2600, 0.3767



11.9601, 0.3173, 0.3113



9.9475, 0.3895, 0.1920



0.5679, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 25.4940, 0.3496, 0.2250 looks on a white background.

Color Contrast Check

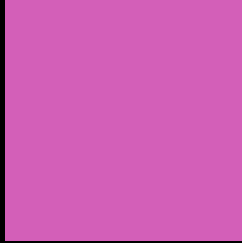
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.4940, 0.3496, 0.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

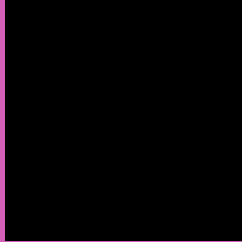
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4940, 0.3496, 0.2250

Background



This preview shows how black text looks on a background with the Yxy color 25.4940, 0.3496, 0.2250.



This preview shows how white text looks on a background with the Yxy color 25.4940, 0.3496, 0.2250.

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

25.4940, 0.3496, 0.2250

Protanopia

25.8693, 0.2252, 0.2109

Deuteranopia

25.6882, 0.2704, 0.2645



Tritanopia

25.5382, 0.4237, 0.3190

Trichromacy



Original Color

25.4940, 0.3496, 0.2250



Protanomaly

24.1935, 0.2589, 0.2108



Deuteranomaly

24.5471, 0.2958, 0.2438



Tritanomaly

25.3517, 0.3967, 0.2814

Monochromacy



Original Color

25.4940, 0.3496, 0.2250



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.9226, 0.3266, 0.2813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4940, 0.3496, 0.2250 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(211, 95, 184)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 184)  
}
```

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(211, 95, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 184) }
```

Border

The CSS property to change the border of an element to Yxy 25.4940, 0.3496, 0.2250 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(211, 95, 184) }
```

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

```
.border{ border-color:rgb(211, 95, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 95, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 184);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4940, 0.3496, 0.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 184) }
```

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

```
.background{ background-color: rgb(211, 95,  
184) }
```

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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