

Converting Colors

$Y_{xy}(25.5834, 0.3541, 0.2147)$

Have a look what the booklet for
Yxy(25.5834, 0.3541, 0.2147)
contains.

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Color

Yxy(25.5889, 0.3536, 0.2147)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DC56BE |
| RGB | 220, 86, 190 |
| RGB Percent | 86%, 34%, 75% |
| CMY | 0.1372, 0.6628, 0.2548 |
| CMYK | 0.00, 0.61, 0.14, 0.14 |
| HSL | 313°, 66%, 60% |
| HSV | 313°, 61%, 86% |
| XYZ | 42.1436, 25.5889, 51.4519 |
| YIQ | 137.9220, 46.4800, 60.7520 |

Conversions

Conversions Part 2

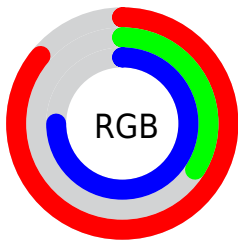
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 86, 190 |
| Decimal | 14440126 |
| CIE Lab | 57.64, 63.84, -28.81 |
| CIE LCh | 58, 70.036, 335.713 |
| Yxy | 25.5889, 0.3536, 0.2147 |
| Android (android.graphics.Color) | 4292630206 (0xFFDC56BE) |
| YUV | 137.9220, 25.6745, 71.9824 |
| Hunter-Lab | 50.5855, 60.1868, -24.8957 |

Details

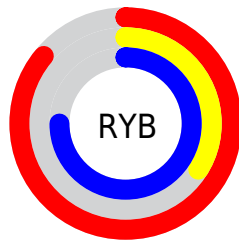
The Yxy color **25.5889, 0.3536, 0.2147** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **54.4328, 0.2901, 0.4846**, and the grayscale version is **25.2703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6203, 0.3245, 0.2278**, and **9.9247, 0.3647, 0.1849** is the 20% darker color. If you saturate the color by 10%, you get **22.3903, 0.3625, 0.2023**, and if you desaturate by 10%, it is **29.8781, 0.3451, 0.2305**.

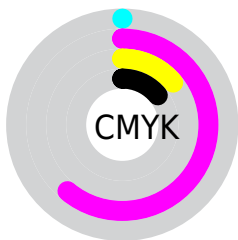
Distribution



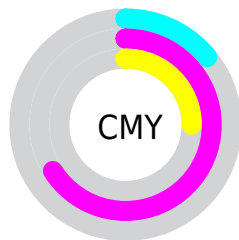
- Red (86%)
- Green (34%)
- Blue (75%)



- Red (86%)
- Yellow (34%)
- Blue (75%)



- Cyan (0%)
- Magenta (61%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (66%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5889, 0.3536, 0.2147 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 25.5889, 0.3536, 0.2147 by changing the saturation by 10% instead.


 25.5889, 0.3536,
0.2147


 25.5889, 0.3536,
0.2147


280.7581, 0.3340,
0.2710


 16.5163, 0.3581,
0.2011


 52.6110, 0.3467,
0.2348


 9.8903, 0.3637,
0.1841


 71.3293, 0.3441,
0.2425

 5.3263, 0.3706,
0.1623


 94.0317, 0.3418,
0.2490

 2.4399, 0.3791,
0.1335

 121.1025, 0.3398,
0.2546

 0.8463, 0.3894,
0.0952

152.9262, 0.3381,
0.2595

 0.0000, 0.4184,
0.0000

189.8871, 0.3366,

 0.0000, 0.3299,

0.2638

0.0000

232.3696, 0.3352,
0.2676

0.0000, 0.0000,
0.0000

25.5889, 0.3536,
0.2147

25.5889, 0.3536,
0.2147

22.3903, 0.3625,
0.2023

29.8781, 0.3451,
0.2305

20.1757, 0.3715,
0.1941

35.3440, 0.3371,
0.2487


18.8234, 0.3803,
0.1907

42.0686, 0.3299,
0.2682


18.1508, 0.3879,
0.1911

50.1253, 0.3235,
0.2883

59.5817, 0.3179,
0.3081

 70.5012, 0.3131,
0.3273

 82.9430, 0.3090,
0.3454

 92.4181, 0.3057,
0.3555

 92.6976, 0.3030,
0.3503

Harmonies

Analogous

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



25.5889, 0.2410, 0.1763



25.5889, 0.3536, 0.2147



25.5889, 0.4732, 0.2745

Triad

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



25.5889, 0.3536, 0.2147



25.5889, 0.4470, 0.5027



25.5889, 0.1301, 0.2475

Complementary

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



25.5889, 0.3536, 0.2147



54.4328, 0.2901, 0.4846

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.



25.5889, 0.1655, 0.3663



25.5889, 0.3536, 0.2147



25.5889, 0.3469, 0.5519

Square

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



25.5889, 0.3536, 0.2147



25.5889, 0.5210, 0.4224



25.5889, 0.2438, 0.5031



25.5889, 0.1321, 0.1849

Rectangle

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



25.5889, 0.3536, 0.2147



25.5889, 0.5254, 0.3209



25.5889, 0.2438, 0.5031



25.5889, 0.1373, 0.2808

Sweetspot

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



25.5901, 0.3536, 0.2147



73.4862, 0.3219, 0.2938



15.4673, 0.2154, 0.1429



14.9457, 0.3236, 0.2880



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.



25.5901, 0.3536, 0.2147



30.3201, 0.3649, 0.1997



23.3252, 0.4480, 0.2864



13.2224, 0.3172, 0.3110



10.6682, 0.3867, 0.1904



0.7037, 0.3738, 0.1833

Inverse Universe

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



25.5901, 0.3536, 0.2147



30.3201, 0.3649, 0.1997



56.5517, 0.2566, 0.3831



13.2224, 0.3172, 0.3110



10.6682, 0.3867, 0.1904



0.7037, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 25.5889, 0.3536, 0.2147 looks on a white background.

Color Contrast Check

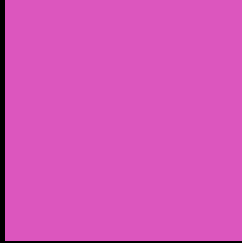
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5889, 0.3536, 0.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

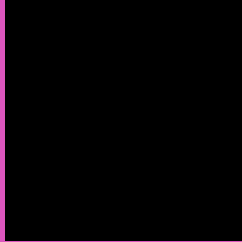
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5889, 0.3536, 0.2147

Background



This preview shows how black text looks on a background with the Yxy color 25.5889, 0.3536, 0.2147.



This preview shows how white text looks on a background with the Yxy color 25.5889, 0.3536, 0.2147.

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

25.5889, 0.3536, 0.2147

Protanopia

26.0872, 0.2130, 0.1951

Deuteranopia

25.9358, 0.2638, 0.2587



Tritanopia

25.4974, 0.4440, 0.3209

Trichromacy



Original Color

25.5889, 0.3536, 0.2147



Protanomaly

23.8440, 0.2486, 0.1951



Deuteranomaly

24.1410, 0.2919, 0.2338



Tritanomaly

25.2938, 0.4112, 0.2789

Monochromacy



Original Color

25.5889, 0.3536, 0.2147



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

23.9528, 0.3284, 0.2729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5889, 0.3536, 0.2147 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(220, 86, 190)` looks like.

```
.text, #text, p{  
    color:rgb(220, 86, 190)  
}
```

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(220, 86, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 86, 190) }
```

Border

The CSS property to change the border of an element to Yxy 25.5889, 0.3536, 0.2147 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(220, 86, 190) }
```

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

```
.border{ border-color:rgb(220, 86, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 86, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 86, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 86, 190);  
box-shadow:4px 4px 4px 4px rgb(220, 86,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5889, 0.3536, 0.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 86, 190) }
```

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

```
.background{ background-color: rgb(220, 86,  
190) }
```

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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