

Converting Colors

$Y_{xy}(26.0448, 0.3470, 0.2091)$

Have a look what the booklet for
Yxy(26.0448, 0.3470, 0.2091)
contains.

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Color

Yxy(26.0589, 0.3462, 0.2087)

Conversions

Conversions Part 1

Format	Color
Hex	DD56C5
RGB	221, 86, 197
RGB Percent	87%, 34%, 77%
CMY	0.1333, 0.6628, 0.2274
CMYK	0.00, 0.61, 0.11, 0.13
HSL	311°, 67%, 60%
HSV	311°, 61%, 87%
XYZ	43.2276, 26.0589, 55.5765
YIQ	139.0190, 44.8290, 63.1410

Conversions

Conversions Part 2

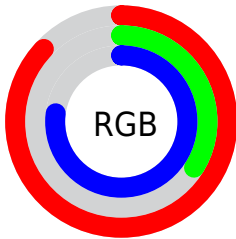
Format	Color
R _Y B	221, 86, 197
Decimal	14505669
CIE Lab	58.09, 65.15, -32.09
CIE LCh	58, 72.621, 333.777
Yxy	26.0589, 0.3462, 0.2087
Android (android.graphics.Color)	4292695749 (0xFFDD56C5)
YUV	139.0190, 28.5846, 71.8973
Hunter-Lab	51.0479, 61.8206, -28.8162

Details

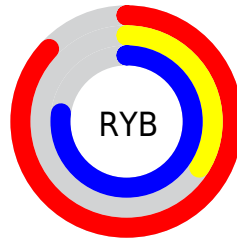
The Yxy color **26.0589, 0.3462, 0.2087** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **54.8237, 0.2930, 0.4941**, and the grayscale version is **25.7013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0607, 0.3186, 0.2221**, and **10.1706, 0.3535, 0.1775** is the 20% darker color. If you saturate the color by 10%, you get **22.8824, 0.3531, 0.1957**, and if you desaturate by 10%, it is **30.3333, 0.3394, 0.2251**.

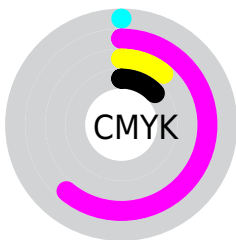
Distribution



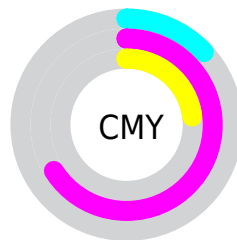
- Red (87%)
- Green (34%)
- Blue (77%)



- Red (87%)
- Yellow (34%)
- Blue (77%)



- Cyan (0%)
- Magenta (61%)
- Yellow (11%)
- Black (13%)





- Cyan (13%)
- Magenta (66%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0589, 0.3462, 0.2087 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 26.0589, 0.3462, 0.2087 by changing the saturation by 10% instead.


 26.0589, 0.3462,
0.2087


 26.0589, 0.3462,
0.2087


283.0711, 0.3309,
0.2673


 16.8677, 0.3495,
0.1948


 53.3700, 0.3410,
0.2295

 10.1402, 0.3533,
0.1775

 72.2586, 0.3390,
0.2375

 5.4920, 0.3577,
0.1555


 95.1485, 0.3372,
0.2443

 2.5387, 0.3626,
0.1269

 122.4241, 0.3356,
0.2501

 0.8960, 0.3670,
0.0896

154.4698, 0.3343,
0.2553

 0.0000, 0.3834,
0.0000

191.6699, 0.3330,

 0.0000, 0.2946,

0.2598

0.0000

234.4089, 0.3319,
0.2638

0.0000, 0.0000,
0.0000

26.0589, 0.3462,
0.2087

26.0589, 0.3462,
0.2087

22.8824, 0.3531,
0.1957

30.3333, 0.3394,
0.2251

20.6957, 0.3601,
0.1870

35.7929, 0.3330,
0.2441

19.3754, 0.3667,
0.1829

42.5207, 0.3272,
0.2646

18.7397, 0.3724,
0.1825

50.5908, 0.3219,
0.2856

60.0719, 0.3172,
0.3066

■ 71.0279, 0.3131,
0.3268

■ 83.5188, 0.3096,
0.3461

■ 92.5203, 0.3069,
0.3565

■ 92.7417, 0.3047,
0.3523

Harmonies

Analogous

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



26.0589, 0.2328, 0.1714



26.0589, 0.3462, 0.2087



26.0589, 0.4711, 0.2684

Triad

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



26.0589, 0.3462, 0.2087



26.0589, 0.4550, 0.5008



26.0589, 0.1271, 0.2507

Complementary

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



26.0589, 0.3462, 0.2087



54.8237, 0.2930, 0.4941

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.



26.0589, 0.1654, 0.3767



26.0589, 0.3462, 0.2087



26.0589, 0.3533, 0.5576

Square

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



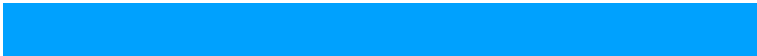
26.0589, 0.3462, 0.2087



26.0589, 0.5289, 0.4176



26.0589, 0.2476, 0.5164



26.0589, 0.1272, 0.1838

Rectangle

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



26.0589, 0.3462, 0.2087



26.0589, 0.5279, 0.3150



26.0589, 0.2476, 0.5164



26.0589, 0.1351, 0.2862

Sweetspot

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



26.0601, 0.3462, 0.2087



73.6154, 0.3204, 0.2918



15.0951, 0.2098, 0.1400



14.9776, 0.3219, 0.2856



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.



26.0601, 0.3462, 0.2087



30.7663, 0.3549, 0.1931



23.6675, 0.4382, 0.2785



13.2330, 0.3165, 0.3100



10.8999, 0.3715, 0.1820



0.7168, 0.3618, 0.1767

Inverse Universe

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



26.0601, 0.3462, 0.2087



30.7663, 0.3549, 0.1931



56.8327, 0.2599, 0.3935



13.2330, 0.3165, 0.3100



10.8999, 0.3715, 0.1820



0.7168, 0.3618, 0.1767

Previews

White Background



This preview shows how the Yxy color 26.0589, 0.3462, 0.2087 looks on a white background.

Color Contrast Check

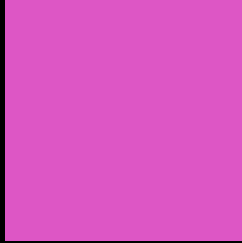
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0589, 0.3462, 0.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

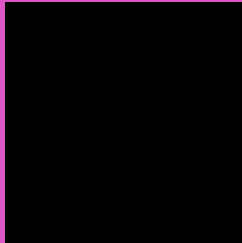
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0589, 0.3462, 0.2087

Background



This preview shows how black text looks on a background with the Yxy color 26.0589, 0.3462, 0.2087.



This preview shows how white text looks on a background with the Yxy color 26.0589, 0.3462, 0.2087.

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

26.0589, 0.3462, 0.2087

Protanopia

26.6101, 0.2078, 0.1884

Deuteranopia

26.2867, 0.2561, 0.2504



Tritanopia

25.9600, 0.4400, 0.3208

Trichromacy



Original Color

26.0589, 0.3462, 0.2087



Protanomaly

24.0014, 0.2407, 0.1869



Deuteranomaly

24.5765, 0.2843, 0.2268



Tritanomaly

25.6057, 0.4051, 0.2752

Monochromacy



Original Color

26.0589, 0.3462, 0.2087



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.4060, 0.3260, 0.2704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0589, 0.3462, 0.2087 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(221, 86, 197)` looks like.

```
.text, #text, p{  
    color:rgb(221, 86, 197)  
}
```

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(221, 86, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 86, 197) }
```

Border

The CSS property to change the border of an element to Yxy 26.0589, 0.3462, 0.2087 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(221, 86, 197) }
```

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

```
.border{ border-color:rgb(221, 86, 197) }
```

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

Here you see how a box with a 4 pixel rgb(221, 86, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 86, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 86, 197);  
box-shadow:4px 4px 4px 4px rgb(221, 86,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0589, 0.3462, 0.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 86, 197) }
```

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

```
.background{ background-color: rgb(221, 86,  
197) }
```

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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