

Converting Colors

$Y_{xy}(26.6686, 0.4062, 0.2688)$

Have a look what the booklet for
Yxy(26.6686, 0.4062, 0.2688)
contains.

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Color

Yxy(26.6577, 0.4065, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	DF6297
RGB	223, 98, 151
RGB Percent	87%, 38%, 59%
CMY	0.1257, 0.6155, 0.4079
CMYK	0.00, 0.56, 0.32, 0.13
HSL	335°, 66%, 63%
HSV	335°, 56%, 87%
XYZ	40.3739, 26.6577, 32.2892
YIQ	141.4170, 57.4870, 42.9830

Conversions

Conversions Part 2

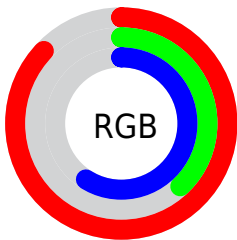
Format	Color
R _Y B	223, 98, 151
Decimal	14639767
CIE Lab	58.66, 54.06, -4.65
CIE LCh	59, 54.264, 355.080
Yxy	26.6577, 0.4065, 0.2684
Android (android.graphics.Color)	4292829847 (0xFFDF6297)
YUV	141.4170, 4.7244, 71.5483
Hunter-Lab	51.6311, 49.2270, -0.9372

Details

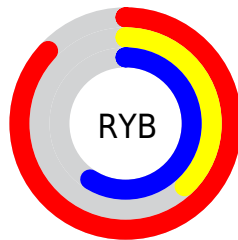
The Yxy color **26.6577, 0.4065, 0.2684** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.2540, 0.2683, 0.4041**, and the grayscale version is **26.7772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4502, 0.3619, 0.2755**, and **10.3985, 0.4393, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **22.6547, 0.4333, 0.2612**, and if you desaturate by 10%, it is **31.8708, 0.3827, 0.2781**.

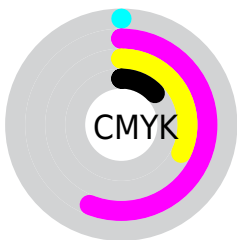
Distribution



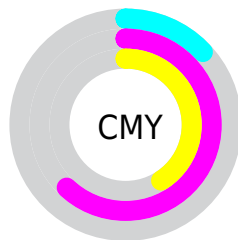
- Red (87%)
- Green (38%)
- Blue (59%)



- Red (87%)
- Yellow (38%)
- Blue (59%)



- Cyan (0%)
- Magenta (56%)
- Yellow (32%)
- Black (13%)




- Cyan (13%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6577, 0.4065, 0.2684 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 26.6577, 0.4065, 0.2684 by changing the saturation by 10% instead.


 26.6577, 0.4065,
0.2684


 26.6577, 0.4065,
0.2684


285.9959, 0.3560,
0.3005


 17.3163, 0.4204,
0.2598


 54.3341, 0.3872,
0.2805


 10.4603, 0.4389,
0.2485


 73.4379, 0.3803,
0.2849

 5.7052, 0.4650,
0.2328


 96.5646, 0.3745,
0.2886

 2.6667, 0.5039,
0.2099

 124.0987, 0.3696,
0.2917

 0.9603, 0.5676,
0.1739

156.4244, 0.3655,
0.2944

 0.0000, 0.8823,
0.0000

193.9263, 0.3619,

 0.0000, 1.0000,

0.2967

0.0000


236.9887, 0.3587,
0.2987


 0.0000, 0.0000,
0.0000


 26.6577, 0.4065,
0.2684


 26.6577, 0.4065,
0.2684


 22.6547, 0.4333,
0.2612

 31.8708, 0.3827,
0.2781


 19.7571, 0.4623,
0.2578


 38.3790, 0.3622,
0.2891


 17.8492, 0.4920,
0.2593


 46.2644, 0.3450,
0.3005


 16.7858, 0.5202,
0.2662


 55.6010, 0.3306,
0.3119


 16.4980, 0.5309,
0.2698

 66.4575, 0.3188,
0.3228

 78.8983, 0.3091,
0.3330

 92.9839, 0.3011,
0.3424

 94.3411, 0.2941,
0.3302

 94.4210, 0.2934,
0.3289

Harmonies

Analogous

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



26.6577, 0.3126, 0.2230



26.6577, 0.4065, 0.2684



26.6577, 0.4759, 0.3269

Triad

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



26.6577, 0.4065, 0.2684



26.6577, 0.3770, 0.4955



26.6577, 0.1610, 0.2297

Complementary

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



26.6577, 0.4065, 0.2684



58.2540, 0.2683, 0.4041

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.



26.6577, 0.1720, 0.2975



26.6577, 0.4065, 0.2684



26.6577, 0.2919, 0.4799

Square

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



26.6577, 0.4065, 0.2684



26.6577, 0.4501, 0.4536



26.6577, 0.2170, 0.3965



26.6577, 0.1810, 0.1989

Rectangle

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



26.6577, 0.4065, 0.2684



26.6577, 0.4919, 0.3693



26.6577, 0.2170, 0.3965



26.6577, 0.1611, 0.2479

Sweetspot

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



26.6591, 0.4065, 0.2684



73.8866, 0.3321, 0.3106



22.4856, 0.2640, 0.1745



15.2412, 0.3348, 0.3084



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.



26.6591, 0.4065, 0.2684



30.0432, 0.4375, 0.2604



26.9491, 0.4754, 0.3388



13.7965, 0.3226, 0.3191



9.7264, 0.5272, 0.2678



0.6918, 0.4878, 0.2461

Inverse Universe

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



26.6591, 0.4065, 0.2684



30.0432, 0.4375, 0.2604



56.3366, 0.2400, 0.3177



13.7965, 0.3226, 0.3191



9.7264, 0.5272, 0.2678



0.6918, 0.4878, 0.2461

Previews

White Background



This preview shows how the Yxy color 26.6577, 0.4065, 0.2684 looks on a white background.

Color Contrast Check

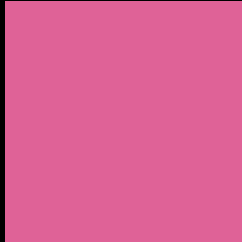
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6577, 0.4065, 0.2684 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 26.6577, 0.4065, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 26.6577, 0.4065, 0.2684.



This preview shows how white text looks on a background with the Yxy color 26.6577, 0.4065, 0.2684.

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

26.6577, 0.4065, 0.2684

Protanopia

26.8761, 0.2701, 0.2696

Deuteranopia

26.8057, 0.3233, 0.3165



Tritanopia

26.7160, 0.4527, 0.3213

Trichromacy



Original Color

26.6577, 0.4065, 0.2684



Protanomaly

25.4937, 0.3123, 0.2661



Deuteranomaly

25.8562, 0.3526, 0.2946



Tritanomaly

26.6050, 0.4361, 0.3013

Monochromacy



Original Color

26.6577, 0.4065, 0.2684



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.3695, 0.3450, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6577, 0.4065, 0.2684 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(223, 98, 151)` looks like.

```
.text, #text, p{  
  color:rgb(223, 98, 151)  
}
```

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(223, 98, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 98, 151) }
```

Border

The CSS property to change the border of an element to Yxy 26.6577, 0.4065, 0.2684 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(223, 98, 151) }
```

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

```
.border{ border-color:rgb(223, 98, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 98, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 98, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 98, 151);  
box-shadow:4px 4px 4px 4px rgb(223, 98,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6577, 0.4065, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 98, 151) }
```

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

```
.background{ background-color: rgb(223, 98,  
151) }
```

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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