

Converting Colors

$Y_{xy}(26.8111, 0.3179, 0.2193)$

Have a look what the booklet for
Yxy(26.8111, 0.3179, 0.2193)
contains.

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Color

Yxy(26.8081, 0.3179, 0.2194)

Conversions

Conversions Part 1

Format	Color
Hex	C66CC6
RGB	198, 108, 198
RGB Percent	78%, 42%, 78%
CMY	0.2235, 0.5765, 0.2236
CMYK	0.00, 0.45, 0.00, 0.22
HSL	300°, 44%, 60%
HSV	300°, 45%, 78%
XYZ	38.8436, 26.8081, 56.5365
YIQ	145.1700, 24.7500, 47.0700

Conversions

Conversions Part 2

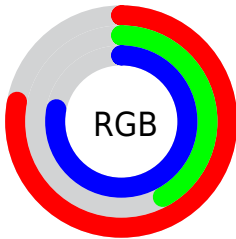
Format	Color
R _Y B	198, 108, 198
Decimal	13003974
CIE _{Lab}	58.80, 48.65, -31.79
CIE _{LCh}	59, 58.117, 326.837
Yxy	26.8081, 0.3179, 0.2194
Android (android.graphics.Color)	4291194054 (0xFFC66CC6)
YUV	145.1700, 26.0452, 46.3319
Hunter-Lab	51.7765, 43.3048, -28.4971

Details

The Yxy color **26.8081, 0.3179, 0.2194** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **44.6652, 0.3061, 0.4699**, and the grayscale version is **28.2734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3207, 0.3170, 0.2384**, and **10.4968, 0.3161, 0.1890** is the 20% darker color. If you saturate the color by 10%, you get **23.0957, 0.3189, 0.1991**, and if you desaturate by 10%, it is **31.4713, 0.3168, 0.2421**.

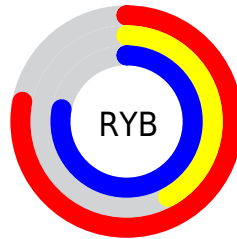
Distribution



Red (78%)

Green (42%)

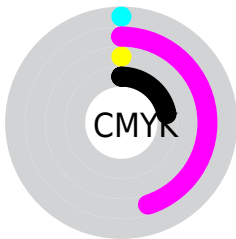
Blue (78%)



Red (78%)

Yellow (42%)

Blue (78%)

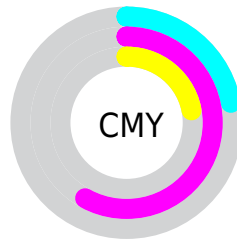


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8081, 0.3179, 0.2194 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 26.8081, 0.3179, 0.2194 by changing the saturation by 10% instead.


 26.8081, 0.3179,
0.2194


 26.8081, 0.3179,
0.2194


286.7268, 0.3171,
0.2735


 17.4292, 0.3175,
0.2063


 54.5758, 0.3181,
0.2388


 10.5409, 0.3165,
0.1899


 73.7333, 0.3180,
0.2462

 5.7591, 0.3146,
0.1687


 96.9191, 0.3179,
0.2524

 2.6991, 0.3107,
0.1407

 124.5177, 0.3177,
0.2578

 0.9768, 0.3019,
0.1031

156.9133, 0.3176,
0.2625

 0.0000, 0.2967,
0.0000

194.4904, 0.3174,

 0.0000, 0.0099,

0.2666

0.0000

237.6335, 0.3173,
0.2703

0.0000, 0.0000,
0.0000

26.8081, 0.3179,
0.2194

26.8081, 0.3179,
0.2194

23.0957, 0.3189,
0.1991

31.4713, 0.3168,
0.2421

20.2655, 0.3197,
0.1821

37.1406, 0.3157,
0.2664

18.2455, 0.3203,
0.1691

43.8715, 0.3145,
0.2912

16.9506, 0.3207,
0.1603

51.7141, 0.3133,
0.3159

16.2766, 0.3210,
0.1556

60.7156, 0.3122,
0.3397

■ 16.0811, 0.3210,
0.1542

■ 70.9204, 0.3111,
0.3623

■ 82.3705, 0.3101,
0.3834

■ 87.6063, 0.3097,
0.3919

■ 87.6067, 0.3097,
0.3918

Harmonies

Analogous

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



26.8081, 0.2310, 0.1922



26.8081, 0.3179, 0.2194



26.8081, 0.4182, 0.2678

Triad

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



26.8081, 0.3179, 0.2194



26.8081, 0.4532, 0.4629



26.8081, 0.1624, 0.2891

Complementary

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



26.8081, 0.3179, 0.2194



44.6652, 0.3061, 0.4699

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.



26.8081, 0.2068, 0.3947



26.8081, 0.3179, 0.2194



26.8081, 0.3741, 0.5077

Square

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



26.8081, 0.3179, 0.2194



26.8081, 0.4995, 0.3963



26.8081, 0.2842, 0.4884



26.8081, 0.1533, 0.2202

Rectangle

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



26.8081, 0.3179, 0.2194



26.8081, 0.4718, 0.3079



26.8081, 0.2842, 0.4884



26.8081, 0.1731, 0.3214

Sweetspot

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



26.8093, 0.3179, 0.2194



79.2987, 0.3144, 0.2943



17.9922, 0.2277, 0.1884



16.3677, 0.3146, 0.2889



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.



26.8093, 0.3179, 0.2194



40.6807, 0.3189, 0.1984



25.0335, 0.3716, 0.2703



10.8166, 0.3138, 0.3062



10.4567, 0.3210, 0.1542



0.4951, 0.3210, 0.1542

Inverse Universe

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



26.8093, 0.3179, 0.2194



40.6807, 0.3189, 0.1984



45.8818, 0.2786, 0.3979



10.8166, 0.3138, 0.3062



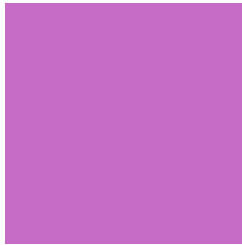
10.4567, 0.3210, 0.1542



0.4951, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 26.8081, 0.3179, 0.2194 looks on a white background.

Color Contrast Check

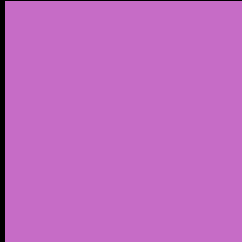
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8081, 0.3179, 0.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

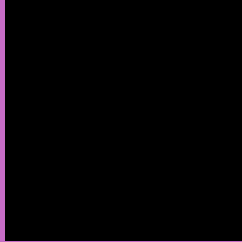
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8081, 0.3179, 0.2194

Background



This preview shows how black text looks on a background with the Yxy color 26.8081, 0.3179, 0.2194.



This preview shows how white text looks on a background with the Yxy color 26.8081, 0.3179, 0.2194.

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

26.8081, 0.3179, 0.2194

Protanopia

27.1621, 0.2231, 0.2081

Deuteranopia

27.0740, 0.2551, 0.2499



Tritanopia

26.7790, 0.3842, 0.3167

Trichromacy



Original Color

26.8081, 0.3179, 0.2194



Protanomaly

26.0954, 0.2493, 0.2089



Deuteranomaly

26.1057, 0.2752, 0.2348



Tritanomaly

26.6946, 0.3592, 0.2782

Monochromacy



Original Color

26.8081, 0.3179, 0.2194



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

27.0754, 0.3149, 0.2818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8081, 0.3179, 0.2194 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(198, 108, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 108, 198)  
}
```

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(198, 108, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 108, 198) }
```

Border

The CSS property to change the border of an element to Yxy 26.8081, 0.3179, 0.2194 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(198, 108, 198) }
```

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

```
.border{ border-color:rgb(198, 108, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 108, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 108, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 108, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 108,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8081, 0.3179, 0.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 108, 198) }
```

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

```
.background{ background-color: rgb(198,  
108, 198) }
```

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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