

Converting Colors

$Y_{xy}(26.2001, 0.3277, 0.2115)$

Have a look what the booklet for
Yxy(26.2001, 0.3277, 0.2115)
contains.

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Color

Yxy(26.2688, 0.3284, 0.2120)

Conversions

Conversions Part 1

Format	Color
Hex	D062C7
RGB	208, 98, 199
RGB Percent	82%, 38%, 78%
CMY	0.1842, 0.6157, 0.2197
CMYK	0.00, 0.53, 0.04, 0.18
HSL	305°, 54%, 60%
HSV	305°, 53%, 82%
XYZ	40.6919, 26.2688, 56.9488
YIQ	142.4040, 33.1390, 54.7310

Conversions

Conversions Part 2

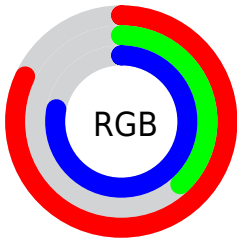
Format	Color
R _Y B	208, 98, 199
Decimal	13656775
CIE Lab	58.29, 56.62, -33.05
CIE LCh	58, 65.562, 329.726
Yxy	26.2688, 0.3284, 0.2120
Android (android.graphics.Color)	4291846855 (0xFFD062C7)
YUV	142.4040, 27.9018, 57.5277
Hunter-Lab	51.2531, 52.0253, -30.0016

Details

The Yxy color **26.2688, 0.3284, 0.2120** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.7811, 0.3002, 0.4841**, and the grayscale version is **27.0959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2625, 0.3174, 0.2302**, and **10.2796, 0.3294, 0.1811** is the 20% darker color. If you saturate the color by 10%, you get **22.7915, 0.3318, 0.1949**, and if you desaturate by 10%, it is **30.7607, 0.3250, 0.2320**.

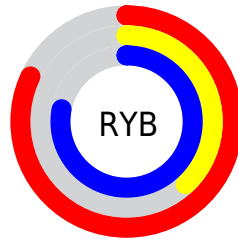
Distribution



Red (82%)

Green (38%)

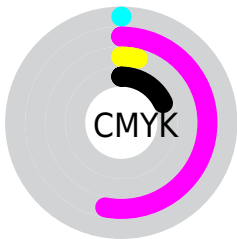
Blue (78%)



Red (82%)

Yellow (38%)

Blue (78%)

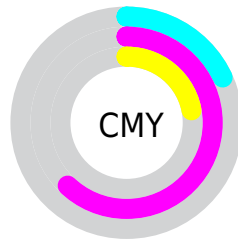


Cyan (0%)

Magenta (53%)

Yellow (4%)

Black (18%)



Cyan (18%)


Magenta (62%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2688, 0.3284, 0.2120 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 26.2688, 0.3284, 0.2120 by changing the saturation by 10% instead.


 26.2688, 0.3284,
0.2120


 26.2688, 0.3284,
0.2120


284.0991, 0.3224,
0.2693


 17.0248, 0.3293,
0.1983


 53.7083, 0.3267,
0.2324

 10.2522, 0.3300,
0.1812


 72.6726, 0.3259,
0.2402

 5.5665, 0.3302,
0.1594


 95.6458, 0.3252,
0.2468

 2.5833, 0.3291,
0.1309

 123.0123, 0.3245,
0.2526

 0.9183, 0.3245,
0.0933

155.1565, 0.3239,
0.2576

 0.0000, 0.3247,
0.0000

192.4627, 0.3234,

 0.0000, 0.1431,

0.2620

0.0000

235.3155, 0.3229,
0.2658

0.0000, 0.0000,
0.0000

26.2688, 0.3284,
0.2120

26.2688, 0.3284,
0.2120

22.7915, 0.3318,
0.1949

30.7607, 0.3250,
0.2320

20.2451, 0.3351,
0.1815

36.3352, 0.3218,
0.2539

18.5387, 0.3382,
0.1724

43.0585, 0.3187,
0.2769

17.5611, 0.3410,
0.1677

50.9905, 0.3159,
0.3000

17.1719, 0.3429,
0.1663

60.1870, 0.3134,
0.3226

■ 70.7003, 0.3111,
0.3443

■ 82.5797, 0.3092,
0.3647

■ 89.7197, 0.3078,
0.3744

■ 89.8067, 0.3068,
0.3725

Harmonies

Analogous

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



26.2688, 0.2288, 0.1801



26.2688, 0.3284, 0.2120



26.2688, 0.4421, 0.2660

Triad

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



26.2688, 0.3284, 0.2120



26.2688, 0.4583, 0.4808



26.2688, 0.1438, 0.2722

Complementary

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



26.2688, 0.3284, 0.2120



48.7811, 0.3002, 0.4841

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.



26.2688, 0.1868, 0.3908



26.2688, 0.3284, 0.2120



26.2688, 0.3675, 0.5330

Square

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



26.2688, 0.3284, 0.2120



26.2688, 0.5177, 0.4056



26.2688, 0.2685, 0.5064



26.2688, 0.1385, 0.2020

Rectangle

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



26.2688, 0.3284, 0.2120



26.2688, 0.4994, 0.3097



26.2688, 0.2685, 0.5064



26.2688, 0.1536, 0.3071

Sweetspot

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



26.2700, 0.3284, 0.2120



76.4605, 0.3168, 0.2924



16.3124, 0.2170, 0.1637



15.7996, 0.3174, 0.2876



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.



26.2700, 0.3284, 0.2120



35.7268, 0.3321, 0.1936



24.2123, 0.3967, 0.2702



11.9916, 0.3150, 0.3079



10.7068, 0.3425, 0.1661



0.6037, 0.3381, 0.1636

Inverse Universe

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



26.2700, 0.3284, 0.2120



35.7268, 0.3321, 0.1936



50.2690, 0.2705, 0.4003



11.9916, 0.3150, 0.3079



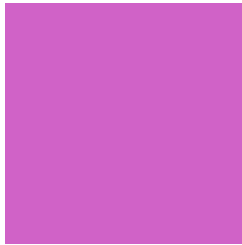
10.7068, 0.3425, 0.1661



0.6037, 0.3381, 0.1636

Previews

White Background



This preview shows how the Yxy color 26.2688, 0.3284, 0.2120 looks on a white background.

Color Contrast Check

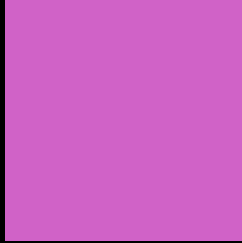
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2688, 0.3284, 0.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

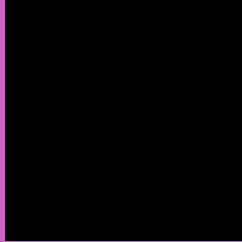
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2688, 0.3284, 0.2120

Background



This preview shows how black text looks on a background with the Yxy color 26.2688, 0.3284, 0.2120.

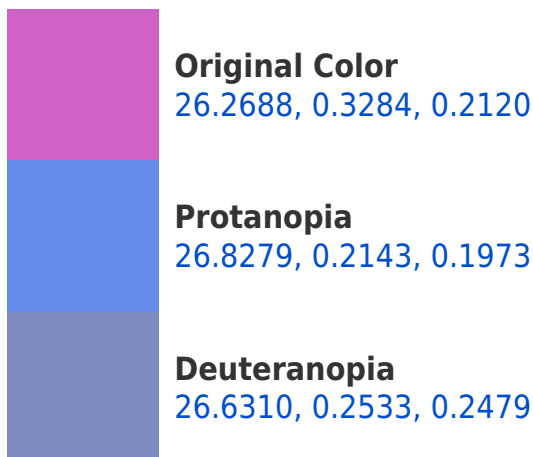


This preview shows how white text looks on a background with the Yxy color 26.2688, 0.3284, 0.2120.

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





Tritanopia

26.1136, 0.4071, 0.3173

Trichromacy



Original Color

26.2688, 0.3284, 0.2120



Protanomaly

24.9959, 0.2442, 0.1970



Deuteranomaly

25.3240, 0.2759, 0.2285



Tritanomaly

25.7608, 0.3773, 0.2739

Monochromacy



Original Color

26.2688, 0.3284, 0.2120



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.6730, 0.3187, 0.2746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2688, 0.3284, 0.2120 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(208, 98, 199)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 199)  
}
```

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(208, 98, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 199) }
```

Border

The CSS property to change the border of an element to Yxy 26.2688, 0.3284, 0.2120 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(208, 98, 199) }
```

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

```
.border{ border-color:rgb(208, 98, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 199);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2688, 0.3284, 0.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 199) }
```

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

```
.background{ background-color: rgb(208, 98,  
199) }
```

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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