

Converting Colors

$Y_{xy}(26.5629, 0.3765, 0.2900)$

Have a look what the booklet for
Yxy(26.5629, 0.3765, 0.2900)
contains.

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Color

Yxy(26.6682, 0.3768, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	C57592
RGB	197, 117, 146
RGB Percent	77%, 46%, 57%
CMY	0.2274, 0.5412, 0.4274
CMYK	0.00, 0.41, 0.26, 0.23
HSL	338°, 41%, 62%
HSV	338°, 41%, 77%
XYZ	34.5787, 26.6682, 30.5225
YIQ	144.2260, 38.3710, 25.9790

Conversions

Conversions Part 2

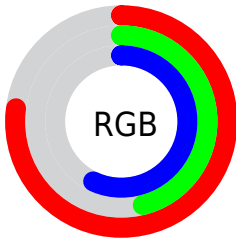
Format	Color
RYB	197, 117, 146
Decimal	12940690
CIELab	58.67, 35.10, -2.16
CIElCh	59, 35.169, 356.481
Yxy	26.6682, 0.3768, 0.2906
Android (android.graphics.Color)	4291130770 (0xFFC57592)
YUV	144.2260, 0.8746, 46.2828
Hunter-Lab	51.6413, 29.1505, 1.1056

Details

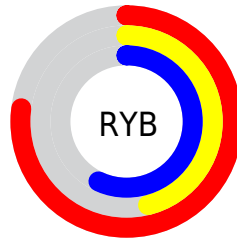
The Yxy color **26.6682, 0.3768, 0.2906** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.5477, 0.2747, 0.3720**, and the grayscale version is **27.9712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1796, 0.3632, 0.2980**, and **10.4037, 0.3987, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **22.1821, 0.4012, 0.2817**, and if you desaturate by 10%, it is **32.1658, 0.3562, 0.3003**.

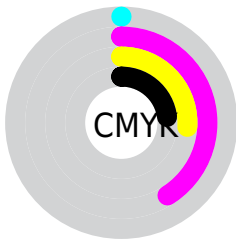
Distribution



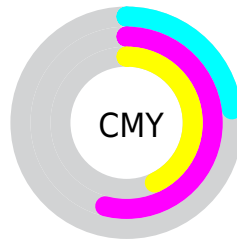
- Red (77%)
- Green (46%)
- Blue (57%)



- Red (77%)
- Yellow (46%)
- Blue (57%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6682, 0.3768, 0.2906 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 26.6682, 0.3768, 0.2906 by changing the saturation by 10% instead.


 26.6682, 0.3768,
0.2906


 26.6682, 0.3768,
0.2906


286.0470, 0.3420,
0.3113


 17.3242, 0.3865,
0.2849


 54.3510, 0.3634,
0.2985

 10.4659, 0.3997,
0.2772


 73.4585, 0.3586,
0.3013

 5.7089, 0.4185,
0.2664

 96.5894, 0.3546,
0.3037

 2.6689, 0.4474,
0.2499

124.1279, 0.3513,
0.3057

 0.9614, 0.4971,
0.2222

156.4586, 0.3485,
0.3074

 0.0000, 1.0000,
0.0000

193.9657, 0.3460,

 0.0000, 0.0000,

0.3089

0.0000

237.0337, 0.3439,
0.3102

■ 26.6682, 0.3768,
0.2906

■ 26.6682, 0.3768,
0.2906

■ 22.1821, 0.4012,
0.2817

■ 32.1658, 0.3562,
0.3003

■ 18.6412, 0.4294,
0.2744

■ 38.7283, 0.3390,
0.3100

■ 15.9773, 0.4608,
0.2700


■ 46.4096, 0.3249,
0.3195

■ 14.1111, 0.4937,
0.2697

■ 55.2592, 0.3134,
0.3285


■ 12.9488, 0.5260,
0.2744

■ 65.3232, 0.3039,
0.3368

 12.3327, 0.5539,
0.2825

 76.6456, 0.2961,
0.3444

 89.2678, 0.2898,
0.3515

 90.0751, 0.2832,
0.3379

 90.6122, 0.2789,
0.3289

Harmonies

Analogous

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



26.6682, 0.3170, 0.2568



26.6682, 0.3768, 0.2906



26.6682, 0.4199, 0.3339

Triad

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



26.6682, 0.3768, 0.2906



26.6682, 0.3577, 0.4371



26.6682, 0.2073, 0.2629

Complementary

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



26.6682, 0.3768, 0.2906



46.5477, 0.2747, 0.3720

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.



26.6682, 0.2157, 0.3091



26.6682, 0.3768, 0.2906



26.6682, 0.2998, 0.4201

Square

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



26.6682, 0.3768, 0.2906



26.6682, 0.4060, 0.4186



26.6682, 0.2483, 0.3694



26.6682, 0.2231, 0.2395

Rectangle

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



26.6682, 0.3768, 0.2906



26.6682, 0.4308, 0.3646



26.6682, 0.2483, 0.3694



26.6682, 0.2074, 0.2759

Sweetspot

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



26.6695, 0.3768, 0.2906



80.8134, 0.3269, 0.3181



25.0426, 0.2865, 0.2206



16.8908, 0.3287, 0.3168



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.



26.6695, 0.3768, 0.2906



40.3477, 0.3990, 0.2824



28.5076, 0.4088, 0.3436



10.6994, 0.3234, 0.3207



8.1252, 0.5505, 0.2806



0.3986, 0.4927, 0.2488

Inverse Universe

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



26.6695, 0.3768, 0.2906



40.3477, 0.3990, 0.2824



43.0768, 0.2550, 0.3135



10.6994, 0.3234, 0.3207



8.1252, 0.5505, 0.2806



0.3986, 0.4927, 0.2488

Previews

White Background



This preview shows how the Yxy color 26.6682, 0.3768, 0.2906 looks on a white background.

Color Contrast Check

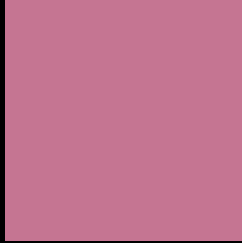
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6682, 0.3768, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

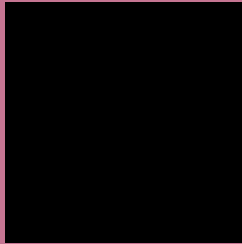
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6682, 0.3768, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 26.6682, 0.3768, 0.2906.



This preview shows how white text looks on a background with the Yxy color 26.6682, 0.3768, 0.2906.

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

26.6682, 0.3768, 0.2906

Protanopia

26.6975, 0.2914, 0.2969

Deuteranopia

26.8431, 0.3265, 0.3196



Tritanopia

26.6200, 0.3952, 0.3170

Trichromacy



Original Color

26.6682, 0.3768, 0.2906

Protanomaly

26.2400, 0.3188, 0.2939

Deuteranomaly

26.5249, 0.3439, 0.3082

Tritanomaly

26.6787, 0.3891, 0.3077

Monochromacy



Original Color

26.6682, 0.3768, 0.2906

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8811, 0.3339, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6682, 0.3768, 0.2906 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(197, 117, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 117, 146)  
}
```

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(197, 117, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 117, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.6682, 0.3768, 0.2906 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(197, 117, 146) }
```

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

```
.border{ border-color:rgb(197, 117, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 117, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 117, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 117, 146);  
box-shadow:4px 4px 4px 4px rgb(197, 117,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6682, 0.3768, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 117, 146) }
```

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

```
.background{ background-color: rgb(197,  
117, 146) }
```

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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