

Converting Colors

$Y_{xy}(26.5761, 0.3807, 0.2945)$

Have a look what the booklet for
Yxy(26.5761, 0.3807, 0.2945)
contains.

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Color

Yxy(26.5761, 0.3807, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	C5758F
RGB	197, 117, 143
RGB Percent	77%, 46%, 56%
CMY	0.2273, 0.5413, 0.4392
CMYK	0.00, 0.41, 0.27, 0.23
HSL	340°, 41%, 62%
HSV	340°, 41%, 77%
XYZ	34.3549, 26.5761, 29.3104
YIQ	143.8840, 39.3340, 25.0460

Conversions

Conversions Part 2

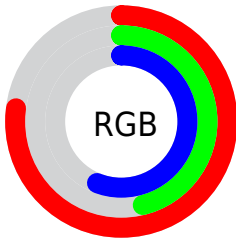
Format	Color
R _Y B	197, 117, 143
Decimal	12940687
CIE Lab	58.58, 34.70, -0.55
CIE LCh	59, 34.706, 359.090
Yxy	26.5761, 0.3807, 0.2945
Android (android.graphics.Color)	4291130767 (0xFFC5758F)
YUV	143.8840, -0.4358, 46.5827
Hunter-Lab	51.5520, 28.7386, 2.3765

Details

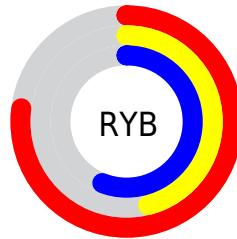
The Yxy color **26.5761, 0.3807, 0.2945** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.6746, 0.2728, 0.3674**, and the grayscale version is **27.8309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0407, 0.3659, 0.3010**, and **10.3495, 0.4048, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **22.0805, 0.4068, 0.2865**, and if you desaturate by 10%, it is **32.0884, 0.3587, 0.3032**.

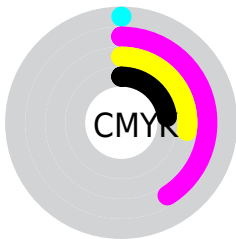
Distribution



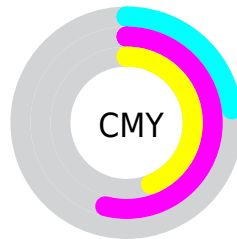
- Red (77%)
- Green (46%)
- Blue (56%)



- Red (77%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5761, 0.3807, 0.2945 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 26.5761, 0.3807, 0.2945 by changing the saturation by 10% instead.


 26.5761, 0.3807,
0.2945

 26.5761, 0.3807,
0.2945


285.5988, 0.3436,
0.3133


 17.2551, 0.3911,
0.2893


 54.2029, 0.3664,
0.3017

 10.4166, 0.4052,
0.2821


 73.2775, 0.3613,
0.3043

 5.6760, 0.4254,
0.2720

 96.3721, 0.3571,
0.3064

 2.6491, 0.4566,
0.2564

123.8711, 0.3535,
0.3082

 0.9514, 0.5105,
0.2296

156.1588, 0.3505,
0.3098

 0.0000, 1.0000,
0.0000

193.6198, 0.3479,

 0.0000, 0.0000,

0.3111

0.0000

236.6383, 0.3456,
0.3123

■ 26.5761, 0.3807,
0.2945

■ 26.5761, 0.3807,
0.2945

■ 22.0805, 0.4068,
0.2865

■ 32.0884, 0.3587,
0.3032

■ 18.5349, 0.4370,
0.2802

■ 38.6708, 0.3405,
0.3120

■ 15.8706, 0.4706,
0.2766

■ 46.3779, 0.3256,
0.3205

■ 14.0082, 0.5057,
0.2770


■ 55.2591, 0.3134,
0.3285


■ 12.8532, 0.5396,
0.2821


■ 65.3609, 0.3035,
0.3360

 12.2476, 0.5682,
0.2904

 76.7274, 0.2953,
0.3428

 89.4005, 0.2886,
0.3491

 90.2606, 0.2818,
0.3348

 90.6166, 0.2789,
0.3289

Harmonies

Analogous

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



26.5761, 0.3223, 0.2599



26.5761, 0.3807, 0.2945



26.5761, 0.4209, 0.3379

Triad

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



26.5761, 0.3807, 0.2945



26.5761, 0.3524, 0.4359



26.5761, 0.2089, 0.2608

Complementary

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



26.5761, 0.3807, 0.2945



46.6746, 0.2728, 0.3674

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.



26.5761, 0.2151, 0.3047



26.5761, 0.3807, 0.2945



26.5761, 0.2951, 0.4156

Square

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



26.5761, 0.3807, 0.2945



26.5761, 0.4016, 0.4203



26.5761, 0.2454, 0.3637



26.5761, 0.2265, 0.2395

Rectangle

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



26.5761, 0.3807, 0.2945



26.5761, 0.4296, 0.3682



26.5761, 0.2454, 0.3637



26.5761, 0.2082, 0.2730

Sweetspot

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



26.5774, 0.3807, 0.2945



80.7472, 0.3277, 0.3192



25.3364, 0.2892, 0.2214



16.8753, 0.3296, 0.3181



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.



26.5774, 0.3807, 0.2945



40.1666, 0.4043, 0.2872



29.2115, 0.4073, 0.3472



10.6929, 0.3239, 0.3215



8.0653, 0.5648, 0.2885



0.3953, 0.5049, 0.2555

Inverse Universe

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



26.5774, 0.3807, 0.2945



40.1666, 0.4043, 0.2872



41.9708, 0.2544, 0.3095



10.6929, 0.3239, 0.3215



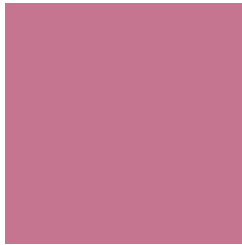
8.0653, 0.5648, 0.2885



0.3953, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 26.5761, 0.3807, 0.2945 looks on a white background.

Color Contrast Check

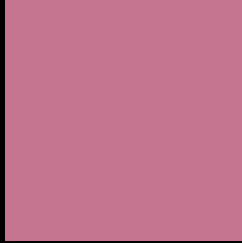
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5761, 0.3807, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

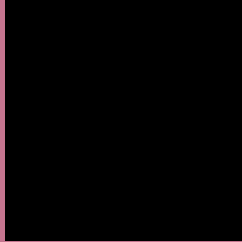
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5761, 0.3807, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 26.5761, 0.3807, 0.2945.



This preview shows how white text looks on a background with the Yxy color 26.5761, 0.3807, 0.2945.

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

26.5761, 0.3807, 0.2945

Protanopia

26.6795, 0.2952, 0.3016

Deuteranopia

26.8527, 0.3308, 0.3243



Tritanopia

26.7272, 0.3977, 0.3185

Trichromacy



Original Color

26.5761, 0.3807, 0.2945

Protanomaly

26.2431, 0.3232, 0.2984

Deuteranomaly

26.5463, 0.3485, 0.3127

Tritanomaly

26.6229, 0.3917, 0.3104

Monochromacy



Original Color

26.5761, 0.3807, 0.2945

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8503, 0.3350, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5761, 0.3807, 0.2945 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 117, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 117, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.5761, 0.3807, 0.2945 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, 143) }
```

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

```
.border{ border-color:rgb(197, 117, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 117, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 117, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 117,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5761, 0.3807, 0.2945 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, 143) }
```

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

```
.background{ background-color: rgb(197,  
117, 143) }
```

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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