

Converting Colors

$Y_{xy}(25.8239, 0.3765, 0.2641)$

Have a look what the booklet for
Yxy(25.8239, 0.3765, 0.2641)
contains.

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Color

Yxy(25.8029, 0.3777, 0.2644)

Conversions

Conversions Part 1

Format	Color
Hex	CF699D
RGB	207, 105, 157
RGB Percent	81%, 41%, 62%
CMY	0.1884, 0.5881, 0.3844
CMYK	0.00, 0.49, 0.24, 0.19
HSL	329°, 51%, 61%
HSV	329°, 49%, 81%
XYZ	36.8599, 25.8029, 34.9276
YIQ	141.4260, 44.1000, 37.7960

Conversions

Conversions Part 2

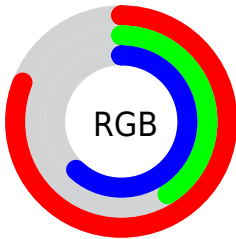
Format	Color
R_{YB}	207, 105, 157
Decimal	13592989
CIE _{Lab}	57.85, 46.30, -9.58
CIE _{LCh}	58, 47.286, 348.308
Yxy	25.8029, 0.3777, 0.2644
Android (android.graphics.Color)	4291783069 (0xFFCF699D)
YUV	141.4260, 7.6780, 57.5084
Hunter-Lab	50.7966, 40.6323, -5.2101

Details

The Yxy color **25.8029, 0.3777, 0.2644** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.9790, 0.2771, 0.4067**, and the grayscale version is **26.7711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8097, 0.3542, 0.2747**, and **9.9806, 0.3993, 0.2429** is the 20% darker color. If you saturate the color by 10%, you get **21.7548, 0.3980, 0.2534**, and if you desaturate by 10%, it is **30.9082, 0.3599, 0.2772**.

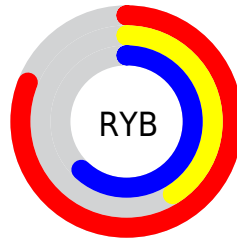
Distribution



Red (81%)

Green (41%)

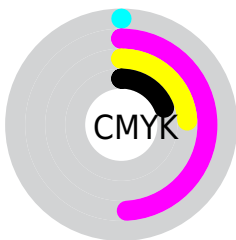
Blue (62%)



Red (81%)

Yellow (41%)

Blue (62%)

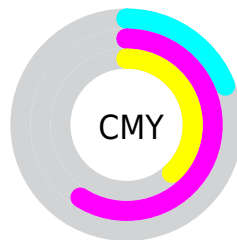


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (19%)



Cyan (19%)


Magenta (59%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8029, 0.3777, 0.2644 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 25.8029, 0.3777, 0.2644 by changing the saturation by 10% instead.


 25.8029, 0.3777,
0.2644


 25.8029, 0.3777,
0.2644


281.8132, 0.3429,
0.2982


 16.6762, 0.3872,
0.2555


 52.9568, 0.3645,
0.2770


 10.0039, 0.3999,
0.2438


 71.7528, 0.3597,
0.2817

 5.4016, 0.4176,
0.2277


 94.5408, 0.3557,
0.2856

 2.4847, 0.4443,
0.2045

 121.7051, 0.3524,
0.2889

 0.8690, 0.4881,
0.1683

153.6301, 0.3495,
0.2917

 0.0000, 0.6880,
0.0000

190.7001, 0.3470,

 0.0000, 0.0000,

0.2941

0.0000

233.2997, 0.3448,
0.2963

■ 25.8029, 0.3777,
0.2644

■ 25.8029, 0.3777,
0.2644

■ 21.7548, 0.3980,
0.2534

■ 30.9082, 0.3599,
0.2772

■ 18.6837, 0.4204,
0.2453

■ 37.1356, 0.3446,
0.2907

■ 16.5040, 0.4443,
0.2413


■ 44.5493, 0.3318,
0.3043

■ 15.1132, 0.4683,
0.2425

■ 53.2076, 0.3210,
0.3174

■ 14.3391, 0.4917,
0.2487

■ 63.1647, 0.3121,
0.3299

 14.2894, 0.4934,
0.2492

 74.4719, 0.3047,
0.3416

 87.1773, 0.2986,
0.3524

 90.9626, 0.2932,
0.3466

 91.5767, 0.2878,
0.3359

Harmonies

Analogous

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



25.8029, 0.2952, 0.2265



25.8029, 0.3777, 0.2644



25.8029, 0.4465, 0.3162

Triad

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



25.8029, 0.3777, 0.2644



25.8029, 0.3886, 0.4719



25.8029, 0.1755, 0.2522

Complementary

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



25.8029, 0.3777, 0.2644



49.9790, 0.2771, 0.4067

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.



25.8029, 0.1932, 0.3207



25.8029, 0.3777, 0.2644



25.8029, 0.3132, 0.4689

Square

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



25.8029, 0.3777, 0.2644



25.8029, 0.4479, 0.4311



25.8029, 0.2417, 0.4075



25.8029, 0.1874, 0.2161

Rectangle

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



25.8029, 0.3777, 0.2644



25.8029, 0.4692, 0.3546



25.8029, 0.2417, 0.4075



25.8029, 0.1780, 0.2716

Sweetspot

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



25.8042, 0.3777, 0.2644



76.8272, 0.3272, 0.3097



21.5134, 0.2633, 0.1907



15.8289, 0.3295, 0.3068



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.



25.8042, 0.3777, 0.2644



34.6172, 0.3990, 0.2529



24.4265, 0.4477, 0.3273



11.9074, 0.3212, 0.3172



9.0260, 0.4904, 0.2475



0.5207, 0.4510, 0.2258

Inverse Universe

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



25.8042, 0.3777, 0.2644



34.6172, 0.3990, 0.2529



52.0323, 0.2494, 0.3312



11.9074, 0.3212, 0.3172



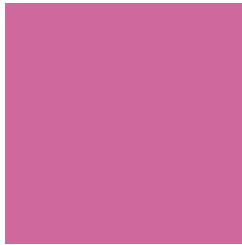
9.0260, 0.4904, 0.2475



0.5207, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 25.8029, 0.3777, 0.2644 looks on a white background.

Color Contrast Check

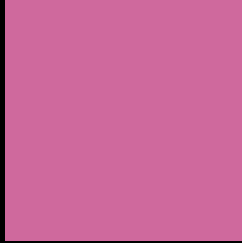
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8029, 0.3777, 0.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

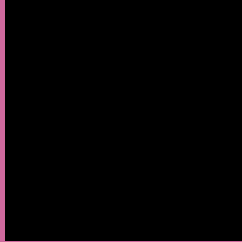
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8029, 0.3777, 0.2644

Background



This preview shows how black text looks on a background with the Yxy color 25.8029, 0.3777, 0.2644.



This preview shows how white text looks on a background with the Yxy color 25.8029, 0.3777, 0.2644.

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

25.8029, 0.3777, 0.2644

Protanopia

26.0988, 0.2663, 0.2645

Deuteranopia

26.0784, 0.3085, 0.3035



Tritanopia

25.6653, 0.4192, 0.3177

Trichromacy



Original Color

25.8029, 0.3777, 0.2644



Protanomaly

25.0301, 0.3004, 0.2618



Deuteranomaly

25.4353, 0.3322, 0.2861



Tritanomaly

25.4959, 0.4040, 0.2971

Monochromacy



Original Color

25.8029, 0.3777, 0.2644



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.5443, 0.3350, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8029, 0.3777, 0.2644 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(207, 105, 157)` looks like.

```
.text, #text, p{  
    color:rgb(207, 105, 157)  
}
```

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(207, 105, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 105, 157) }
```

Border

The CSS property to change the border of an element to Yxy 25.8029, 0.3777, 0.2644 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(207, 105, 157) }
```

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

```
.border{ border-color:rgb(207, 105, 157) }
```

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

Here you see how a box with a 4 pixel rgb(207, 105, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 105, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 105, 157);  
box-shadow:4px 4px 4px 4px rgb(207, 105,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8029, 0.3777, 0.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 105, 157) }
```

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

```
.background{ background-color: rgb(207,  
105, 157) }
```

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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