

Converting Colors

$Y_{xy}(25.6782, 0.3265, 0.2296)$

Have a look what the booklet for
Yxy(25.6782, 0.3265, 0.2296)
contains.

Yxy(25.5299, 0.3266, 0.2292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.5299, 0.3266, 0.2292)

Conversions

Conversions Part 1

Format	Color
Hex	C26BBA
RGB	194, 107, 186
RGB Percent	76%, 42%, 73%
CMY	0.2390, 0.5805, 0.2705
CMYK	0.00, 0.45, 0.04, 0.24
HSL	306°, 42%, 59%
HSV	306°, 45%, 76%
XYZ	36.3790, 25.5299, 49.4781
YIQ	142.0190, 26.4930, 43.0130

Conversions

Conversions Part 2

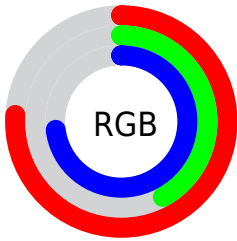
Format	Color
RYB	194, 107, 186
Decimal	12741562
CIELab	57.59, 45.84, -26.89
CIELCh	58, 53.141, 329.607
Yxy	25.5299, 0.3266, 0.2292
Android (android.graphics.Color)	4290931642 (0xFFC26BBA)
YUV	142.0190, 21.6826, 45.5873
Hunter-Lab	50.5271, 40.0957, -22.6901

Details

The Yxy color **25.5299, 0.3266, 0.2292** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.9649, 0.3013, 0.4550**, and the grayscale version is **26.9624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5960, 0.3250, 0.2481**, and **9.8291, 0.3272, 0.2000** is the 20% darker color. If you saturate the color by 10%, you get **21.8546, 0.3303, 0.2099**, and if you desaturate by 10%, it is **30.1162, 0.3231, 0.2506**.

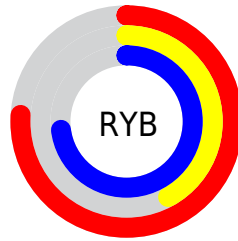
Distribution



Red (76%)

Green (42%)

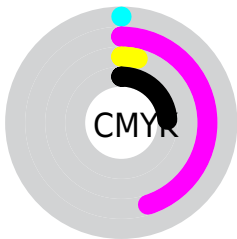
Blue (73%)



Red (76%)

Yellow (42%)

Blue (73%)

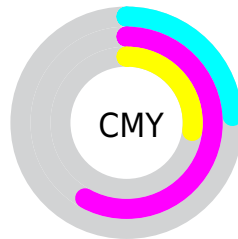


Cyan (0%)

Magenta (45%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5299, 0.3266, 0.2292 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 25.5299, 0.3266, 0.2292 by changing the saturation by 10% instead.


 25.5299, 0.3266,
0.2292


 25.5299, 0.3266,
0.2292


280.4667, 0.3208,
0.2794

 16.4723, 0.3276,
0.2167


 52.5156, 0.3248,
0.2474

 9.8590, 0.3286,
0.2009


 71.2124, 0.3240,
0.2543

 5.3055, 0.3294,
0.1800


 93.8912, 0.3233,
0.2601

 2.4276, 0.3293,
0.1518

 120.9362, 0.3227,
0.2651

 0.8401, 0.3264,
0.1124

152.7318, 0.3222,
0.2694

 0.0000, 0.3330,
0.0000

189.6625, 0.3217,

 0.0000, 0.0000,

0.2731

0.0000

232.1127, 0.3212,
0.2765

■ 25.5299, 0.3266,
0.2292

■ 25.5299, 0.3266,
0.2292

■ 21.8546, 0.3303,
0.2099

■ 30.1162, 0.3231,
0.2506

■ 19.0253, 0.3340,
0.1936

■ 35.6658, 0.3197,
0.2731

■ 16.9741, 0.3376,
0.1810


■ 42.2311, 0.3167,
0.2959

■ 15.6210, 0.3410,
0.1728

■ 49.8599, 0.3139,
0.3184


■ 14.8690, 0.3441,
0.1688


■ 58.5967, 0.3115,
0.3399

 14.6166, 0.3456,
0.1678

 68.4837, 0.3094,
0.3603

 79.5607, 0.3075,
0.3793

 87.1804, 0.3061,
0.3897

 87.2646, 0.3051,
0.3876

Harmonies

Analogous

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



25.5299, 0.2427, 0.2012



25.5299, 0.3266, 0.2292



25.5299, 0.4189, 0.2769

Triad

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



25.5299, 0.3266, 0.2292



25.5299, 0.4400, 0.4614



25.5299, 0.1690, 0.2851

Complementary

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



25.5299, 0.3266, 0.2292



42.9649, 0.3013, 0.4550

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.



25.5299, 0.2087, 0.3805



25.5299, 0.3266, 0.2292



25.5299, 0.3643, 0.4967

Square

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



25.5299, 0.3266, 0.2292



25.5299, 0.4859, 0.4005



25.5299, 0.2796, 0.4699



25.5299, 0.1628, 0.2234

Rectangle

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



25.5299, 0.3266, 0.2292



25.5299, 0.4659, 0.3158



25.5299, 0.2796, 0.4699



25.5299, 0.1784, 0.3141

Sweetspot

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



25.5311, 0.3266, 0.2292



78.6390, 0.3162, 0.2997



17.9994, 0.2353, 0.1928



16.5834, 0.3169, 0.2946



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.



25.5311, 0.3266, 0.2292



39.5846, 0.3303, 0.2099



23.9757, 0.3802, 0.2805



10.2310, 0.3151, 0.3084



9.6115, 0.3453, 0.1676



0.4200, 0.3392, 0.1642

Inverse Universe

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



25.5311, 0.3266, 0.2292



39.5846, 0.3303, 0.2099



44.1878, 0.2745, 0.3849



10.2310, 0.3151, 0.3084



9.6115, 0.3453, 0.1676



0.4200, 0.3392, 0.1642

Previews

White Background



This preview shows how the Yxy color 25.5299, 0.3266, 0.2292 looks on a white background.

Color Contrast Check

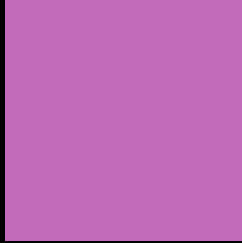
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5299, 0.3266, 0.2292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

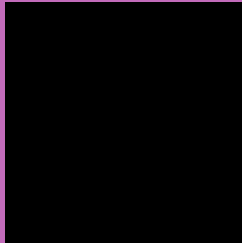
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5299, 0.3266, 0.2292

Background



This preview shows how black text looks on a background with the Yxy color 25.5299, 0.3266, 0.2292.



This preview shows how white text looks on a background with the Yxy color 25.5299, 0.3266, 0.2292.

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

25.5299, 0.3266, 0.2292

Protanopia

25.7225, 0.2324, 0.2204

Deuteranopia

25.6903, 0.2653, 0.2586



Tritanopia

25.5827, 0.3857, 0.3165

Trichromacy



Original Color

25.5299, 0.3266, 0.2292

Protanomaly

24.6351, 0.2589, 0.2197

Deuteranomaly

24.8584, 0.2846, 0.2438

Tritanomaly

25.4106, 0.3640, 0.2814

Monochromacy



Original Color

25.5299, 0.3266, 0.2292

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.7462, 0.3182, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5299, 0.3266, 0.2292 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(194, 107, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 186)  
}
```

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(194, 107, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 186) }
```

Border

The CSS property to change the border of an element to Yxy 25.5299, 0.3266, 0.2292 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(194, 107, 186) }
```

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

```
.border{ border-color:rgb(194, 107, 186) }
```

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

Here you see how a box with a 4 pixel rgb(194, 107, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5299, 0.3266, 0.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 186) }
```

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

```
.background{ background-color: rgb(194,  
107, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor