

Converting Colors

$Y_{xy}(25.7555, 0.3059, 0.1901)$

Have a look what the booklet for
Yxy(25.7555, 0.3059, 0.1901)
contains.

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Color

Yxy(25.6758, 0.3052, 0.1896)

Conversions

Conversions Part 1

Format	Color
Hex	CC5DD9
RGB	204, 93, 217
RGB Percent	80%, 36%, 85%
CMY	0.2002, 0.6351, 0.1491
CMYK	0.06, 0.57, 0.00, 0.15
HSL	294°, 62%, 61%
HSV	294°, 57%, 85%
XYZ	41.3305, 25.6758, 68.4146
YIQ	140.3250, 26.3520, 62.0960

Conversions

Conversions Part 2

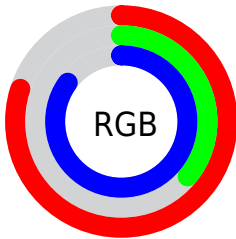
Format	Color
R_{YB}	204, 93, 217
Decimal	13393369
CIE _{Lab}	57.73, 61.01, -44.18
CIE _{LCh}	58, 75.329, 324.088
Yxy	25.6758, 0.3052, 0.1896
Android (android.graphics.Color)	4291583449 (0xFFCC5DD9)
YUV	140.3250, 37.8008, 55.8430
Hunter-Lab	50.6713, 56.9202, -44.5814

Details

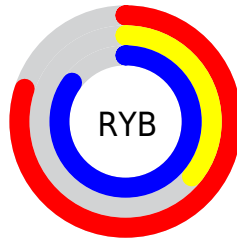
The Yxy color **25.6758, 0.3052, 0.1896** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **53.4792, 0.3113, 0.5084**, and the grayscale version is **26.2053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6598, 0.3176, 0.2257**, and **9.9203, 0.2994, 0.1560** is the 20% darker color. If you saturate the color by 10%, you get **22.0711, 0.3029, 0.1711**, and if you desaturate by 10%, it is **30.3680, 0.3072, 0.2114**.

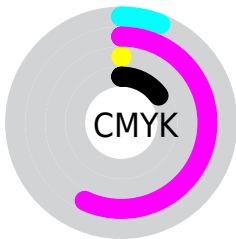
Distribution



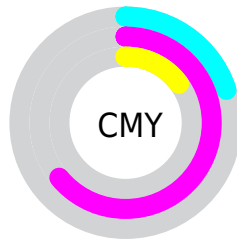
- Red (80%)
- Green (36%)
- Blue (85%)



- Red (80%)
- Yellow (36%)
- Blue (85%)



- Cyan (6%)
- Magenta (57%)
- Yellow (0%)
- Black (15%)




- Cyan (20%)
- Magenta (64%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6758, 0.3052, 0.1896 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 25.6758, 0.3052, 0.1896 by changing the saturation by 10% instead.


 25.6758, 0.3052,
0.1896


 25.6758, 0.3052,
0.1896


281.1870, 0.3123,
0.2562


 16.5813, 0.3024,
0.1743

 52.7515, 0.3085,
0.2129

 9.9364, 0.2984,
0.1556


 71.5014, 0.3096,
0.2219

 5.3568, 0.2920,
0.1325


 94.2386, 0.3103,
0.2296

 2.4581, 0.2817,
0.1036

 121.3474, 0.3109,
0.2364

 0.8555, 0.2637,
0.0682

153.2122, 0.3114,
0.2423

 0.0000, 0.2369,
0.0000

190.2175, 0.3118,


 0.0000, 0.1009,

0.2475


0.0000


232.7476, 0.3120,
0.2521


 0.0000, 0.0000,
0.0000


 25.6758, 0.3052,
0.1896

 25.6758, 0.3052,
0.1896


 22.0711, 0.3029,
0.1711


 30.3680, 0.3072,
0.2114

 19.4565, 0.3004,
0.1567


 36.2274, 0.3090,
0.2354


 17.7230, 0.2978,
0.1466

 43.3301, 0.3104,
0.2607

 16.7248, 0.2951,
0.1408

 51.7450, 0.3115,
0.2864

 16.5019, 0.2943,
0.1395

 61.5356, 0.3123,
0.3116

■ 72.7614, 0.3129,
0.3358

■ 85.4786, 0.3132,
0.3587

■ 92.0914, 0.3141,
0.3686

■ 92.4545, 0.3155,
0.3684

Harmonies

Analogous

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



25.6758, 0.2010, 0.1603



25.6758, 0.3052, 0.1896



25.6758, 0.4381, 0.2442

Triad

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



25.6758, 0.3052, 0.1896



25.6758, 0.4872, 0.4768



25.6758, 0.1291, 0.2823

Complementary

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



25.6758, 0.3052, 0.1896



53.4792, 0.3113, 0.5084

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.



25.6758, 0.1824, 0.4300



25.6758, 0.3052, 0.1896



25.6758, 0.3879, 0.5538

Square

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



25.6758, 0.3052, 0.1896



25.6758, 0.5492, 0.3910



25.6758, 0.2780, 0.5544



25.6758, 0.1181, 0.1947

Rectangle

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



25.6758, 0.3052, 0.1896



25.6758, 0.5125, 0.2898



25.6758, 0.2780, 0.5544



25.6758, 0.1416, 0.3262

Sweetspot

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



25.6769, 0.3052, 0.1896



74.5381, 0.3115, 0.2863



17.9592, 0.2065, 0.1659



15.3945, 0.3113, 0.2811



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.



25.6769, 0.3052, 0.1896



30.7383, 0.3023, 0.1671



25.4687, 0.3756, 0.2407



13.2017, 0.3121, 0.3058



10.0182, 0.2947, 0.1397



0.6694, 0.2992, 0.1422

Inverse Universe

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



23.6283, 0.4677, 0.3145



27.7325, 0.5234, 0.3140



53.8588, 0.2805, 0.4430



13.0737, 0.3275, 0.3266



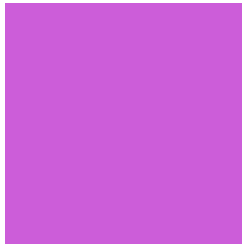
8.9743, 0.6270, 0.3228



0.5891, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 25.6758, 0.3052, 0.1896 looks on a white background.

Color Contrast Check

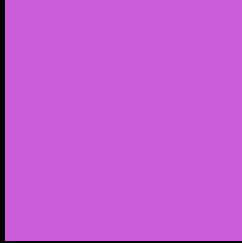
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6758, 0.3052, 0.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

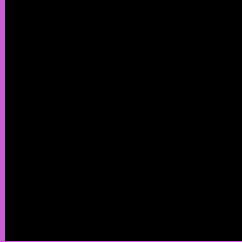
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6758, 0.3052, 0.1896

Background



This preview shows how black text looks on a background with the Yxy color 25.6758, 0.3052, 0.1896.



This preview shows how white text looks on a background with the Yxy color 25.6758, 0.3052, 0.1896.

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

25.6758, 0.3052, 0.1896

Protanopia

26.2102, 0.1941, 0.1699

Deuteranopia

25.9062, 0.2289, 0.2224



Tritanopia

25.4354, 0.3970, 0.3169

Trichromacy



Original Color

25.6758, 0.3052, 0.1896



Protanomaly

24.0689, 0.2189, 0.1704



Deuteranomaly

24.4233, 0.2503, 0.2038



Tritanomaly

24.9641, 0.3614, 0.2623

Monochromacy



Original Color

25.6758, 0.3052, 0.1896



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.7796, 0.3102, 0.2627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6758, 0.3052, 0.1896 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(204, 93, 217)` looks like.

```
.text, #text, p{  
    color:rgb(204, 93, 217)  
}
```

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(204, 93, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 93, 217) }
```

Border

The CSS property to change the border of an element to Yxy 25.6758, 0.3052, 0.1896 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(204, 93, 217) }
```

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

```
.border{ border-color:rgb(204, 93, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 93, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 93, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 93, 217);  
box-shadow:4px 4px 4px 4px rgb(204, 93,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6758, 0.3052, 0.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 93, 217) }
```

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

```
.background{ background-color: rgb(204, 93,  
217) }
```

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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