

Converting Colors

$Y_{xy}(25.8798, 0.3383, 0.2258)$

Have a look what the booklet for
Yxy(25.8798, 0.3383, 0.2258)
contains.

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Color

Yxy(25.8744, 0.3385, 0.2257)

Conversions

Conversions Part 1

Format	Color
Hex	CD65BB
RGB	205, 101, 187
RGB Percent	80%, 40%, 73%
CMY	0.1960, 0.6040, 0.2667
CMYK	0.00, 0.51, 0.09, 0.20
HSL	310°, 51%, 60%
HSV	310°, 51%, 80%
XYZ	38.8059, 25.8744, 49.9604
YIQ	141.9000, 34.3780, 48.7940

Conversions

Conversions Part 2

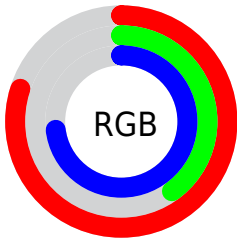
Format	Color
R _Y B	205, 101, 187
Decimal	13460923
CIE Lab	57.92, 52.32, -26.82
CIE LCh	58, 58.789, 332.863
Yxy	25.8744, 0.3385, 0.2257
Android (android.graphics.Color)	4291651003 (0xFFCD65BB)
YUV	141.9000, 22.2343, 55.3387
Hunter-Lab	50.8669, 47.1589, -22.6266

Details

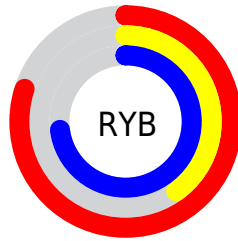
The Yxy color **25.8744, 0.3385, 0.2257** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **47.7754, 0.2954, 0.4621**, and the grayscale version is **26.9085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1738, 0.3271, 0.2421**, and **10.0502, 0.3427, 0.1965** is the 20% darker color. If you saturate the color by 10%, you get **22.2290, 0.3451, 0.2091**, and if you desaturate by 10%, it is **30.5189, 0.3323, 0.2448**.

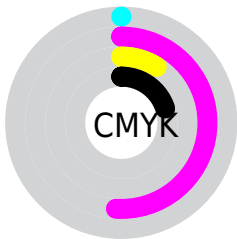
Distribution



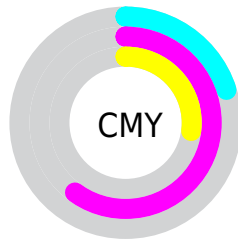
- Red (80%)
- Green (40%)
- Blue (73%)



- Red (80%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (9%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8744, 0.3385, 0.2257 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 25.8744, 0.3385, 0.2257 by changing the saturation by 10% instead.


 25.8744, 0.3385,
0.2257


 25.8744, 0.3385,
0.2257


282.1650, 0.3265,
0.2773


 16.7297, 0.3411,
0.2130


 53.0723, 0.3344,
0.2443


 10.0420, 0.3443,
0.1970


 71.8942, 0.3328,
0.2514

 5.4268, 0.3480,
0.1761


 94.7107, 0.3314,
0.2573

 2.4998, 0.3521,
0.1480

 121.9061, 0.3302,
0.2624

 0.8765, 0.3559,
0.1093

153.8648, 0.3291,
0.2669

 0.0000, 0.3763,
0.0000

190.9713, 0.3281,

 0.0000, 0.0137,

0.2708

0.0000

233.6099, 0.3273,
0.2742

■ 0.0000, 0.0000,
0.0000

■ 25.8744, 0.3385,
0.2257

■ 25.8744, 0.3385,
0.2257

■ 22.2290, 0.3451,
0.2091

■ 30.5189, 0.3323,
0.2448

■ 19.5037, 0.3518,
0.1959

■ 36.2265, 0.3266,
0.2653

■ 17.6138, 0.3585,
0.1868

■ 43.0600, 0.3215,
0.2863

■ 16.4570, 0.3649,
0.1823

■ 51.0762, 0.3169,
0.3073

■ 15.8666, 0.3707,
0.1816

■ 60.3284, 0.3130,
0.3275

■ 70.8663, 0.3096,
0.3468

■ 82.7369, 0.3067,
0.3648

■ 89.4317, 0.3044,
0.3716

■ 89.6169, 0.3025,
0.3676

Harmonies

Analogous

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



25.8744, 0.2446, 0.1933



25.8744, 0.3385, 0.2257



25.8744, 0.4393, 0.2782

Triad

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



25.8744, 0.3385, 0.2257



25.8744, 0.4412, 0.4773



25.8744, 0.1549, 0.2701

Complementary

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



25.8744, 0.3385, 0.2257



47.7754, 0.2954, 0.4621

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.



25.8744, 0.1924, 0.3729



25.8744, 0.3385, 0.2257



25.8744, 0.3565, 0.5147

Square

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



25.8744, 0.3385, 0.2257



25.8744, 0.4976, 0.4108



25.8744, 0.2654, 0.4783



25.8744, 0.1526, 0.2090

Rectangle

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



25.8744, 0.3385, 0.2257



25.8744, 0.4872, 0.3201



25.8744, 0.2654, 0.4783



25.8744, 0.1632, 0.3004

Sweetspot

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



25.8756, 0.3385, 0.2257



77.5572, 0.3189, 0.2980



17.5881, 0.2302, 0.1746



16.0054, 0.3199, 0.2935



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.



25.8756, 0.3385, 0.2257



35.8728, 0.3457, 0.2076



24.0560, 0.4063, 0.2853



11.3691, 0.3164, 0.3101



9.8867, 0.3698, 0.1811



0.5191, 0.3587, 0.1750

Inverse Universe

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



25.8756, 0.3385, 0.2257



35.8728, 0.3457, 0.2076



49.3585, 0.2658, 0.3804



11.3691, 0.3164, 0.3101



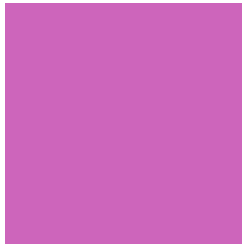
9.8867, 0.3698, 0.1811



0.5191, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 25.8744, 0.3385, 0.2257 looks on a white background.

Color Contrast Check

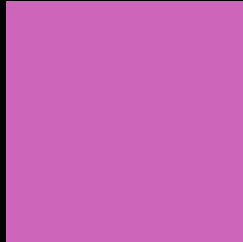
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8744, 0.3385, 0.2257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

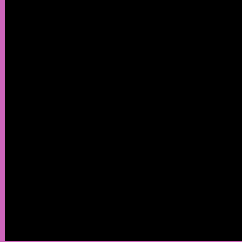
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8744, 0.3385, 0.2257

Background



This preview shows how black text looks on a background with the Yxy color 25.8744, 0.3385, 0.2257.



This preview shows how white text looks on a background with the Yxy color 25.8744, 0.3385, 0.2257.

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

25.8744, 0.3385, 0.2257

Protanopia

26.2287, 0.2274, 0.2138

Deuteranopia

26.0528, 0.2664, 0.2604



Tritanopia

25.9518, 0.4073, 0.3186

Trichromacy



Original Color

25.8744, 0.3385, 0.2257



Protanomaly

24.8428, 0.2584, 0.2147



Deuteranomaly

25.1033, 0.2898, 0.2436



Tritanomaly

25.8930, 0.3822, 0.2824

Monochromacy



Original Color

25.8744, 0.3385, 0.2257



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.6467, 0.3229, 0.2828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8744, 0.3385, 0.2257 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(205, 101, 187)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 187)  
}
```

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(205, 101, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 187) }
```

Border

The CSS property to change the border of an element to Yxy 25.8744, 0.3385, 0.2257 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(205, 101, 187) }
```

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

```
.border{ border-color:rgb(205, 101, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 187);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8744, 0.3385, 0.2257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 187) }
```

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

```
.background{ background-color: rgb(205,  
101, 187) }
```

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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