

Converting Colors

$Y_{xy}(25.8518, 0.3301, 0.2213)$

Have a look what the booklet for
Yxy(25.8518, 0.3301, 0.2213)
contains.

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Color

Yxy(25.8209, 0.3304, 0.2215)

Conversions

Conversions Part 1

Format	Color
Hex	CA66BF
RGB	202, 102, 191
RGB Percent	79%, 40%, 75%
CMY	0.2078, 0.6000, 0.2510
CMYK	0.00, 0.50, 0.05, 0.21
HSL	307°, 49%, 60%
HSV	307°, 50%, 79%
XYZ	38.5157, 25.8209, 52.2363
YIQ	142.0460, 31.0310, 48.8790

Conversions

Conversions Part 2

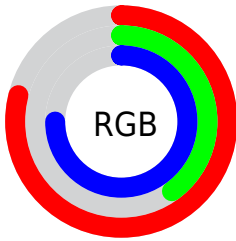
Format	Color
R _Y B	202, 102, 191
Decimal	13264575
CIE Lab	57.87, 51.61, -29.21
CIE LCh	58, 59.304, 330.491
Yxy	25.8209, 0.3304, 0.2215
Android (android.graphics.Color)	4291454655 (0xFFCA66BF)
YUV	142.0460, 24.1343, 52.5797
Hunter-Lab	50.8143, 46.3727, -25.3793

Details

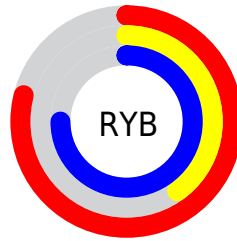
The Yxy color **25.8209, 0.3304, 0.2215** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **46.2691, 0.2993, 0.4680**, and the grayscale version is **26.9630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8142, 0.3229, 0.2388**, and **10.0310, 0.3342, 0.1924** is the 20% darker color. If you saturate the color by 10%, you get **22.2264, 0.3347, 0.2037**, and if you desaturate by 10%, it is **30.3867, 0.3262, 0.2418**.

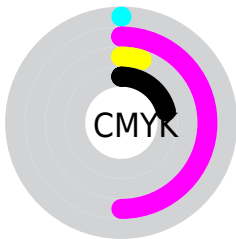
Distribution



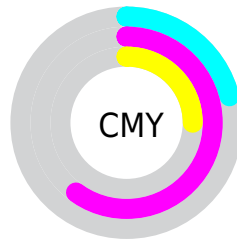
- Red (79%)
- Green (40%)
- Blue (75%)



- Red (79%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (5%)
- Black (21%)





- Cyan (21%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8209, 0.3304, 0.2215 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 25.8209, 0.3304, 0.2215 by changing the saturation by 10% instead.


 25.8209, 0.3304,
0.2215


 25.8209, 0.3304,
0.2215


281.9018, 0.3229,
0.2749


 16.6897, 0.3318,
0.2085


 52.9859, 0.3280,
0.2407

 10.0135, 0.3332,
0.1920


 71.7884, 0.3270,
0.2480

 5.4079, 0.3345,
0.1706


 94.5836, 0.3261,
0.2542

 2.4885, 0.3351,
0.1422

 121.7557, 0.3253,
0.2595

 0.8709, 0.3331,
0.1035

153.6892, 0.3246,
0.2641

 0.0000, 0.3399,
0.0000

190.7684, 0.3240,

 0.0000, 0.0000,

0.2682

0.0000

233.3778, 0.3234,
0.2718

■ 25.8209, 0.3304,
0.2215

■ 25.8209, 0.3304,
0.2215

■ 22.2264, 0.3347,
0.2037

■ 30.3867, 0.3262,
0.2418

■ 19.5281, 0.3390,
0.1893

■ 35.9845, 0.3223,
0.2636

■ 17.6458, 0.3432,
0.1789

■ 42.6743, 0.3187,
0.2861

■ 16.4832, 0.3472,
0.1730


■ 50.5106, 0.3155,
0.3084

■ 15.8700, 0.3508,
0.1708


■ 59.5441, 0.3126,
0.3300

 15.8443, 0.3510,
0.1707

 69.8225, 0.3101,
0.3506

 81.3908, 0.3079,
0.3699

 88.6742, 0.3062,
0.3792

 88.7853, 0.3050,
0.3767

Harmonies

Analogous

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



25.8209, 0.2377, 0.1908



25.8209, 0.3304, 0.2215



25.8209, 0.4332, 0.2730

Triad

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



25.8209, 0.3304, 0.2215



25.8209, 0.4479, 0.4735



25.8209, 0.1554, 0.2763

Complementary

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



25.8209, 0.3304, 0.2215



46.2691, 0.2993, 0.4680

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.



25.8209, 0.1959, 0.3825



25.8209, 0.3304, 0.2215



25.8209, 0.3639, 0.5156

Square

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



25.8209, 0.3304, 0.2215



25.8209, 0.5016, 0.4055



25.8209, 0.2718, 0.4860



25.8209, 0.1504, 0.2113

Rectangle

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



25.8209, 0.3304, 0.2215



25.8209, 0.4845, 0.3146



25.8209, 0.2718, 0.4860



25.8209, 0.1647, 0.3079

Sweetspot

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



25.8221, 0.3304, 0.2215



77.7081, 0.3173, 0.2957



17.2111, 0.2270, 0.1768



16.0421, 0.3180, 0.2909



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.



25.8221, 0.3304, 0.2215



37.4684, 0.3348, 0.2032



24.0142, 0.3933, 0.2778



11.3816, 0.3154, 0.3086



10.2012, 0.3506, 0.1705



0.5325, 0.3440, 0.1669

Inverse Universe

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



25.8221, 0.3304, 0.2215



37.4684, 0.3348, 0.2032



47.6853, 0.2705, 0.3894



11.3816, 0.3154, 0.3086



10.2012, 0.3506, 0.1705



0.5325, 0.3440, 0.1669

Previews

White Background



This preview shows how the Yxy color 25.8209, 0.3304, 0.2215 looks on a white background.

Color Contrast Check

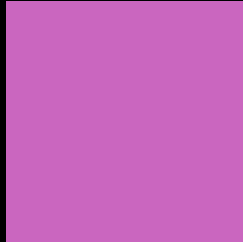
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8209, 0.3304, 0.2215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

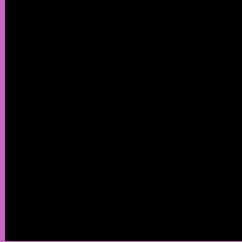
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8209, 0.3304, 0.2215

Background



This preview shows how black text looks on a background with the Yxy color 25.8209, 0.3304, 0.2215.



This preview shows how white text looks on a background with the Yxy color 25.8209, 0.3304, 0.2215.

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

25.8209, 0.3304, 0.2215

Protanopia

26.2570, 0.2245, 0.2102

Deuteranopia

25.9833, 0.2606, 0.2545



Tritanopia

25.6983, 0.3994, 0.3170

Trichromacy



Original Color

25.8209, 0.3304, 0.2215



Protanomaly

24.8584, 0.2537, 0.2099



Deuteranomaly

24.9717, 0.2830, 0.2380



Tritanomaly

25.6607, 0.3732, 0.2790

Monochromacy



Original Color

25.8209, 0.3304, 0.2215



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.6093, 0.3196, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8209, 0.3304, 0.2215 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(202, 102, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 102, 191)  
}
```

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(202, 102, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 102, 191) }
```

Border

The CSS property to change the border of an element to Yxy 25.8209, 0.3304, 0.2215 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(202, 102, 191) }
```

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

```
.border{ border-color:rgb(202, 102, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 102, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 102, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 102, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 102,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8209, 0.3304, 0.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 102, 191) }
```

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

```
.background{ background-color: rgb(202,  
102, 191) }
```

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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