

Converting Colors

$Y_{xy}(22.8470, 0.3519, 0.2058)$

Have a look what the booklet for
Yxy(22.8470, 0.3519, 0.2058)
contains.

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Color

Yxy(22.9162, 0.3517, 0.2055)

Conversions

Conversions Part 1

Format	Color
Hex	D64BBB
RGB	214, 75, 187
RGB Percent	84%, 29%, 73%
CMY	0.1608, 0.7059, 0.2666
CMYK	0.00, 0.65, 0.13, 0.16
HSL	312°, 63%, 57%
HSV	312°, 65%, 84%
XYZ	39.2196, 22.9162, 49.3786
YIQ	129.3290, 46.8920, 64.3000

Conversions

Conversions Part 2

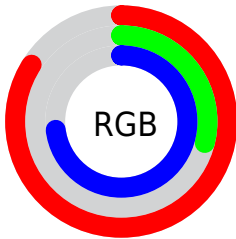
Format	Color
RYB	214, 75, 187
Decimal	14044091
CIELab	54.99, 66.27, -31.27
CIELCh	55, 73.275, 334.739
Yxy	22.9162, 0.3517, 0.2055
Android (android.graphics.Color)	4292234171 (0xFFD64BBB)
YUV	129.3290, 28.4318, 74.2565
Hunter-Lab	47.8709, 62.4673, -27.6477

Details

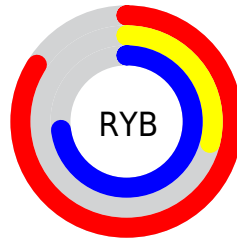
The Yxy color **22.9162, 0.3517, 0.2055** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **50.5507, 0.2915, 0.5021**, and the grayscale version is **21.9607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5061, 0.3287, 0.2223**, and **8.7614, 0.3615, 0.1765** is the 20% darker color. If you saturate the color by 10%, you get **20.3110, 0.3593, 0.1943**, and if you desaturate by 10%, it is **26.5046, 0.3442, 0.2205**.

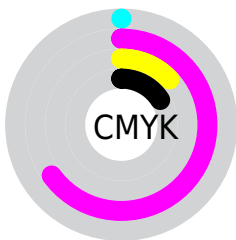
Distribution



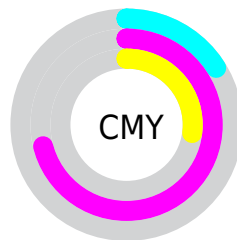
- Red (84%)
- Green (29%)
- Blue (73%)



- Red (84%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (65%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9162, 0.3517, 0.2055 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 22.9162, 0.3517, 0.2055 by changing the saturation by 10% instead.


 22.9162, 0.3517,
0.2055

 22.9162, 0.3517,
0.2055


267.2943, 0.3333,
0.2667


 14.5316, 0.3558,
0.1907


 48.2557, 0.3453,
0.2274


 8.4913, 0.3608,
0.1722


 65.9794, 0.3428,
0.2358


 4.4109, 0.3667,
0.1484


 87.5850, 0.3407,
0.2429

 1.9060, 0.3736,
0.1174

 113.4568, 0.3388,
0.2490

 0.5520, 0.3823,
0.0721

 143.9792, 0.3372,
0.2543

 0.0000, 0.3930,
0.0000

179.5367, 0.3357,


 0.0000, 0.0915,


0.2589


0.0000

220.5136, 0.3344,
0.2630

 0.0000, 0.0000,
0.0000


 22.9162, 0.3517,
0.2055


 22.9162, 0.3517,
0.2055

 20.3110, 0.3593,
0.1943


 26.5046, 0.3442,
0.2205


 18.5834, 0.3669,
0.1875

 31.1613, 0.3371,
0.2383

 17.6092, 0.3741,
0.1853

 36.9658, 0.3305,
0.2580

 17.2930, 0.3777,
0.1854

 43.9892, 0.3246,
0.2785

 52.2967, 0.3193,
0.2992

■ 61.9491, 0.3147,
0.3193

■ 73.0031, 0.3108,
0.3386

■ 85.5123, 0.3074,
0.3567

■ 91.2211, 0.3049,
0.3611

Harmonies

Analogous

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



22.9162, 0.2321, 0.1664



22.9162, 0.3517, 0.2055



22.9162, 0.4828, 0.2673

Triad

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



22.9162, 0.3517, 0.2055



22.9162, 0.4552, 0.5085



22.9162, 0.1196, 0.2428

Complementary

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



22.9162, 0.3517, 0.2055



50.5507, 0.2915, 0.5021

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.



22.9162, 0.1566, 0.3734



22.9162, 0.3517, 0.2055



22.9162, 0.3488, 0.5699

Square

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



22.9162, 0.3517, 0.2055



22.9162, 0.5353, 0.4206



22.9162, 0.2397, 0.5246



22.9162, 0.1212, 0.1762

Rectangle

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



22.9162, 0.3517, 0.2055



22.9162, 0.5405, 0.3151



22.9162, 0.2397, 0.5246



22.9162, 0.1270, 0.2790

Sweetspot

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



22.9173, 0.3517, 0.2055



72.2968, 0.3215, 0.2905



12.6240, 0.2046, 0.1294



14.7190, 0.3230, 0.2845



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.



22.9173, 0.3517, 0.2055



29.0757, 0.3623, 0.1911



20.6611, 0.4543, 0.2795



12.5894, 0.3167, 0.3104



10.4668, 0.3767, 0.1849



0.6421, 0.3653, 0.1786

Inverse Universe

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



22.9173, 0.3517, 0.2055



29.0757, 0.3623, 0.1911



52.4934, 0.2571, 0.3945



12.5894, 0.3167, 0.3104



10.4668, 0.3767, 0.1849



0.6421, 0.3653, 0.1786

Previews

White Background



This preview shows how the Yxy color 22.9162, 0.3517, 0.2055 looks on a white background.

Color Contrast Check

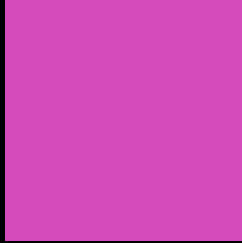
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9162, 0.3517, 0.2055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

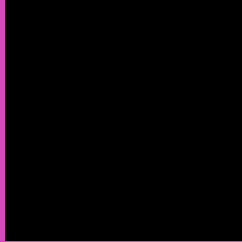
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9162, 0.3517, 0.2055

Background



This preview shows how black text looks on a background with the Yxy color 22.9162, 0.3517, 0.2055.



This preview shows how white text looks on a background with the Yxy color 22.9162, 0.3517, 0.2055.

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

22.9162, 0.3517, 0.2055

Protanopia

23.4580, 0.2026, 0.1817

Deuteranopia

23.1016, 0.2566, 0.2509



Tritanopia

22.8771, 0.4539, 0.3208

Trichromacy



Original Color

22.9162, 0.3517, 0.2055



Protanomaly

20.8007, 0.2366, 0.1798



Deuteranomaly

21.3581, 0.2868, 0.2248



Tritanomaly

22.6169, 0.4165, 0.2744

Monochromacy



Original Color

22.9162, 0.3517, 0.2055



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.6129, 0.3283, 0.2657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9162, 0.3517, 0.2055 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(214, 75, 187)` looks like.

```
.text, #text, p{  
    color:rgb(214, 75, 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(214, 75, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 75, 187) }
```

Border

The CSS property to change the border of an element to Yxy 22.9162, 0.3517, 0.2055 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(214, 75, 187) }
```

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

```
.border{ border-color:rgb(214, 75, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 75, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 75, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 75, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 75,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9162, 0.3517, 0.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 75, 187) }
```

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

```
.background{ background-color: rgb(214, 75,  
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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