

Converting Colors

$Y_{xy}(22.0211, 0.4262, 0.2807)$

Have a look what the booklet for
Yxy(22.0211, 0.4262, 0.2807)
contains.

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Color

Yxy(21.9479, 0.4268, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	D05880
RGB	208, 88, 128
RGB Percent	82%, 35%, 50%
CMY	0.1844, 0.6548, 0.4980
CMYK	0.00, 0.58, 0.38, 0.18
HSL	340°, 56%, 58%
HSV	340°, 58%, 82%
XYZ	33.3952, 21.9479, 22.9025
YIQ	128.4400, 58.6800, 37.8800

Conversions

Conversions Part 2

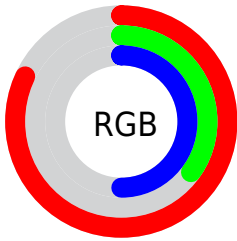
Format	Color
R_{YB}	208, 88, 128
Decimal	13654144
CIE _{Lab}	53.97, 51.22, 1.70
CIE _{LCh}	54, 51.245, 1.899
Yxy	21.9479, 0.4268, 0.2805
Android (android.graphics.Color)	4291844224 (0xFFD05880)
YUV	128.4400, -0.2169, 69.7741
Hunter-Lab	46.8486, 45.2557, 3.8094

Details

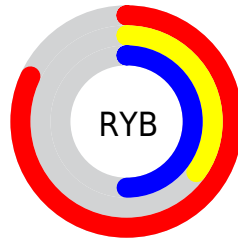
The Yxy color **21.9479, 0.4268, 0.2805** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **50.0053, 0.2617, 0.3889**, and the grayscale version is **21.7354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9422, 0.3891, 0.2886**, and **8.0285, 0.4718, 0.2616** is the 20% darker color. If you saturate the color by 10%, you get **18.6664, 0.4592, 0.2758**, and if you desaturate by 10%, it is **26.2554, 0.3980, 0.2876**.

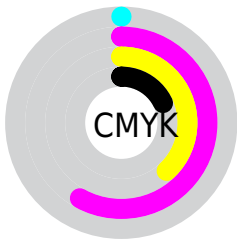
Distribution



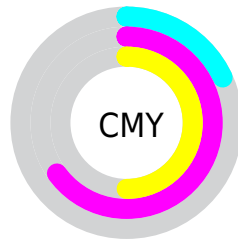
- Red (82%)
- Green (35%)
- Blue (50%)



- Red (82%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9479, 0.4268, 0.2805 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 21.9479, 0.4268, 0.2805 by changing the saturation by 10% instead.


 21.9479, 0.4268,
0.2805


 21.9479, 0.4268,
0.2805


262.2741, 0.3629,
0.3080


 13.8186, 0.4453,
0.2724


 46.6599, 0.4017,
0.2913

 7.9946, 0.4708,
0.2612


 64.0114, 0.3929,
0.2951

 4.0915, 0.5079,
0.2448


 85.2057, 0.3857,
0.2983

 1.7249, 0.5660,
0.2187

 110.6273, 0.3796,
0.3008

 0.4397, 0.7111,
0.1589

140.6605, 0.3745,
0.3030

 0.0000, 1.0000,
0.0000

175.6898, 0.3701,

 0.0000, 0.0000,

0.3049

0.0000

216.0995, 0.3662,
0.3065

■ 21.9479, 0.4268,
0.2805

■ 21.9479, 0.4268,
0.2805

■ 18.6664, 0.4592,
0.2758

■ 26.2554, 0.3980,
0.2876

■ 16.3202, 0.4938,
0.2749

■ 31.6626, 0.3733,
0.2961

■ 14.8082, 0.5281,
0.2786

■ 38.2403, 0.3527,
0.3051

■ 13.9872, 0.5592,
0.2871

■ 46.0526, 0.3356,
0.3141

■ 13.8411, 0.5660,
0.2892

■ 55.1585, 0.3217,
0.3227

■ 65.6136, 0.3103,
0.3308

■ 77.4700, 0.3010,
0.3383

■ 90.7771, 0.2934,
0.3452

■ 92.0060, 0.2861,
0.3312

Harmonies

Analogous

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



21.9479, 0.3340, 0.2311



21.9479, 0.4268, 0.2805



21.9479, 0.4857, 0.3411

Triad

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



21.9479, 0.4268, 0.2805



21.9479, 0.3581, 0.4997



21.9479, 0.1620, 0.2189

Complementary

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



21.9479, 0.4268, 0.2805



50.0053, 0.2617, 0.3889

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.



21.9479, 0.1657, 0.2782



21.9479, 0.4268, 0.2805



21.9479, 0.2727, 0.4670

Square

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



21.9479, 0.4268, 0.2805



21.9479, 0.4363, 0.4669



21.9479, 0.2030, 0.3732



21.9479, 0.1890, 0.1955

Rectangle

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



21.9479, 0.4268, 0.2805



21.9479, 0.4924, 0.3842



21.9479, 0.2030, 0.3732



21.9479, 0.1597, 0.2343

Sweetspot

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



21.9490, 0.4268, 0.2805



73.6687, 0.3349, 0.3145



19.6426, 0.2730, 0.1753



15.1900, 0.3381, 0.3127



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.



21.9490, 0.4268, 0.2805



28.6857, 0.4665, 0.2753



24.4234, 0.4733, 0.3511



11.8723, 0.3239, 0.3213



8.6444, 0.5623, 0.2871



0.4979, 0.5102, 0.2584

Inverse Universe

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



21.9490, 0.4268, 0.2805



28.6857, 0.4665, 0.2753



43.4504, 0.2356, 0.3027



11.8723, 0.3239, 0.3213



8.6444, 0.5623, 0.2871



0.4979, 0.5102, 0.2584

Previews

White Background



This preview shows how the Yxy color 21.9479, 0.4268, 0.2805 looks on a white background.

Color Contrast Check

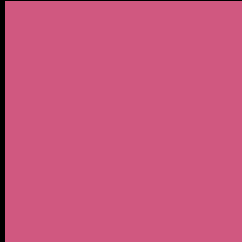
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9479, 0.4268, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

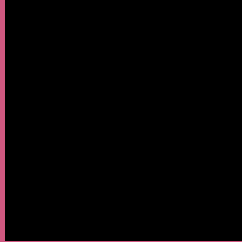
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9479, 0.4268, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 21.9479, 0.4268, 0.2805.



This preview shows how white text looks on a background with the Yxy color 21.9479, 0.4268, 0.2805.

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

21.9479, 0.4268, 0.2805

Protanopia

22.0653, 0.2847, 0.2876

Deuteranopia

22.0921, 0.3407, 0.3342



Tritanopia

22.0473, 0.4640, 0.3221

Trichromacy



Original Color

21.9479, 0.4268, 0.2805

Protanomaly

20.7620, 0.3301, 0.2811

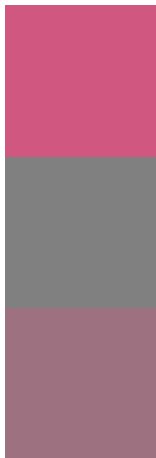
Deuteranomaly

21.3684, 0.3718, 0.3106

Tritanomaly

22.0455, 0.4514, 0.3074

Monochromacy



Original Color

21.9479, 0.4268, 0.2805

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.5369, 0.3518, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9479, 0.4268, 0.2805 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(208, 88, 128)` looks like.

```
.text, #text, p{  
    color:rgb(208, 88, 128)  
}
```

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(208, 88, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 88, 128) }
```

Border

The CSS property to change the border of an element to Yxy 21.9479, 0.4268, 0.2805 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(208, 88, 128) }
```

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

```
.border{ border-color:rgb(208, 88, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 88, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 88, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 88, 128);  
box-shadow:4px 4px 4px 4px rgb(208, 88,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9479, 0.4268, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 88, 128) }
```

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

```
.background{ background-color: rgb(208, 88,  
128) }
```

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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