

Converting Colors

$Y_{xy}(24.5355, 0.3882, 0.2787)$

Have a look what the booklet for
Yxy(24.5355, 0.3882, 0.2787)
contains.

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Color

Yxy(24.5343, 0.3882, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	C96990
RGB	201, 105, 144
RGB Percent	79%, 41%, 56%
CMY	0.2118, 0.5882, 0.4353
CMYK	0.00, 0.48, 0.28, 0.21
HSL	336°, 47%, 60%
HSV	336°, 48%, 79%
XYZ	34.1737, 24.5343, 29.3232
YIQ	138.1500, 44.6970, 32.4810

Conversions

Conversions Part 2

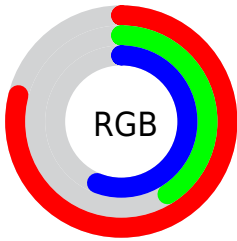
Format	Color
R _Y B	201, 105, 144
Decimal	13199760
CIE Lab	56.62, 42.53, -3.95
CIE LCh	57, 42.711, 354.692
Yxy	24.5343, 0.3882, 0.2787
Android (android.graphics.Color)	4291389840 (0xFFC96990)
YUV	138.1500, 2.8840, 55.1194
Hunter-Lab	49.5321, 36.4714, -0.4274

Details

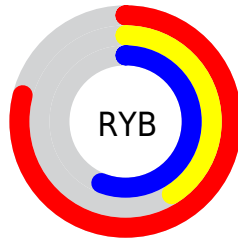
The Yxy color **24.5343, 0.3882, 0.2787** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.3859, 0.2720, 0.3878**, and the grayscale version is **25.4528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1335, 0.3675, 0.2886**, and **9.2837, 0.4147, 0.2602** is the 20% darker color. If you saturate the color by 10%, you get **20.5676, 0.4132, 0.2698**, and if you desaturate by 10%, it is **29.5096, 0.3666, 0.2891**.

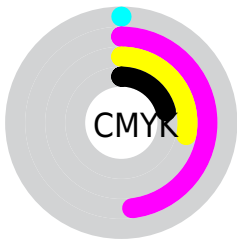
Distribution



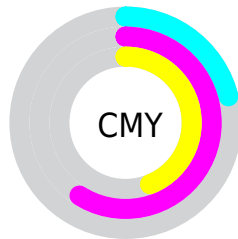
- Red (79%)
- Green (41%)
- Blue (56%)



- Red (79%)
- Yellow (41%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (28%)
- Black (21%)



- Cyan (21%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5343, 0.3882, 0.2787 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 24.5343, 0.3882, 0.2787 by changing the saturation by 10% instead.


 24.5343, 0.3882,
0.2787


 24.5343, 0.3882,
0.2787


275.5107, 0.3469,
0.3058


 15.7304, 0.3998,
0.2712


 50.9007, 0.3722,
0.2891


 9.3336, 0.4157,
0.2612


 69.2320, 0.3665,
0.2928

 4.9594, 0.4384,
0.2470

 91.5080, 0.3618,
0.2959

 2.2235, 0.4735,
0.2255

 118.1129, 0.3579,
0.2985

 0.7327, 0.5355,
0.1880

149.4313, 0.3545,
0.3007

 0.0000, 1.0000,
0.0000

185.8474, 0.3516,

 0.0000, 0.0000,

0.3027

0.0000

227.7458, 0.3491,
0.3044

■ 24.5343, 0.3882,
0.2787

■ 24.5343, 0.3882,
0.2787

■ 20.5676, 0.4132,
0.2698

■ 29.5096, 0.3666,
0.2891

■ 17.5353, 0.4412,
0.2635

■ 35.5534, 0.3485,
0.3000

■ 15.3591, 0.4713,
0.2610


■ 42.7253, 0.3333,
0.3108


■ 13.9457, 0.5017,
0.2635

■ 51.0794, 0.3208,
0.3213


■ 13.1609, 0.5304,
0.2711

■ 60.6661, 0.3106,
0.3311

 13.0219, 0.5366,
0.2730

 71.5332, 0.3022,
0.3403

 83.7258, 0.2953,
0.3487

 90.1978, 0.2891,
0.3454

 90.9285, 0.2829,
0.3327

Harmonies

Analogous

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



24.5343, 0.3127, 0.2396



24.5343, 0.3882, 0.2787



24.5343, 0.4445, 0.3294

Triad

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



24.5343, 0.3882, 0.2787



24.5343, 0.3699, 0.4641



24.5343, 0.1849, 0.2489

Complementary

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



24.5343, 0.3882, 0.2787



47.3859, 0.2720, 0.3878

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.



24.5343, 0.1958, 0.3065



24.5343, 0.3882, 0.2787



24.5343, 0.2990, 0.4483

Square

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



24.5343, 0.3882, 0.2787



24.5343, 0.4290, 0.4347



24.5343, 0.2357, 0.3843



24.5343, 0.2018, 0.2206

Rectangle

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



24.5343, 0.3882, 0.2787



24.5343, 0.4591, 0.3659



24.5343, 0.2357, 0.3843



24.5343, 0.1854, 0.2649

Sweetspot

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



24.5355, 0.3882, 0.2787



78.0090, 0.3286, 0.3146



21.8984, 0.2752, 0.1989



16.0519, 0.3315, 0.3123



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.



24.5355, 0.3882, 0.2787



35.1901, 0.4133, 0.2698



25.2488, 0.4379, 0.3397



10.7072, 0.3227, 0.3196



8.2047, 0.5330, 0.2710



0.4028, 0.4784, 0.2409

Inverse Universe

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



24.5355, 0.3882, 0.2787



35.1901, 0.4133, 0.2698



45.3612, 0.2479, 0.3173



10.7072, 0.3227, 0.3196



8.2047, 0.5330, 0.2710



0.4028, 0.4784, 0.2409

Previews

White Background



This preview shows how the Yxy color 24.5343, 0.3882, 0.2787 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 24.5343, 0.3882, 0.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

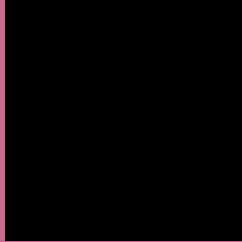
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5343, 0.3882, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 24.5343, 0.3882, 0.2787.



This preview shows how white text looks on a background with the Yxy color 24.5343, 0.3882, 0.2787.

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

24.5343, 0.3882, 0.2787

Protanopia

24.7181, 0.2803, 0.2830

Deuteranopia

24.6625, 0.3236, 0.3176



Tritanopia

24.6020, 0.4198, 0.3188

Trichromacy



Original Color

24.5343, 0.3882, 0.2787

Protanomaly

23.8835, 0.3150, 0.2795

Deuteranomaly

24.0576, 0.3457, 0.3002

Tritanomaly

24.5368, 0.4095, 0.3043

Monochromacy



Original Color

24.5343, 0.3882, 0.2787

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.3922, 0.3388, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5343, 0.3882, 0.2787 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(201, 105, 144)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 144)  
}
```

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(201, 105, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 144) }
```

Border

The CSS property to change the border of an element to Yxy 24.5343, 0.3882, 0.2787 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(201, 105, 144) }
```

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

```
.border{ border-color:rgb(201, 105, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 144);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5343, 0.3882, 0.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 144) }
```

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

```
.background{ background-color: rgb(201,  
105, 144) }
```

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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