

Converting Colors

$Y_{xy}(24.3273, 0.3935, 0.2896)$

Have a look what the booklet for
Yxy(24.3273, 0.3935, 0.2896)
contains.

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Color

Yxy(24.3273, 0.3935, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	C66B89
RGB	198, 107, 137
RGB Percent	78%, 42%, 54%
CMY	0.2237, 0.5803, 0.4627
CMYK	0.00, 0.46, 0.31, 0.22
HSL	340°, 44%, 60%
HSV	340°, 46%, 78%
XYZ	33.0552, 24.3273, 26.6206
YIQ	137.6290, 44.6060, 28.6220

Conversions

Conversions Part 2

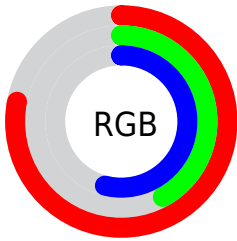
Format	Color
R_{YB}	198, 107, 137
Decimal	13003657
CIE _{Lab}	56.41, 39.49, -0.21
CIE _{LCh}	56, 39.489, 359.699
Yxy	24.3273, 0.3935, 0.2896
Android (android.graphics.Color)	4291193737 (0xFFC66B89)
YUV	137.6290, -0.3101, 52.9454
Hunter-Lab	49.3227, 33.3128, 2.5257

Details

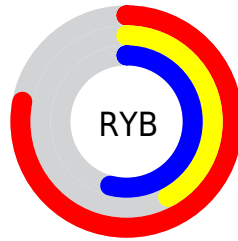
The Yxy color **24.3273, 0.3935, 0.2896** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **46.3273, 0.2690, 0.3740**, and the grayscale version is **25.2575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1193, 0.3750, 0.2978**, and **9.2672, 0.4252, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **20.3034, 0.4216, 0.2823**, and if you desaturate by 10%, it is **29.3454, 0.3695, 0.2981**.

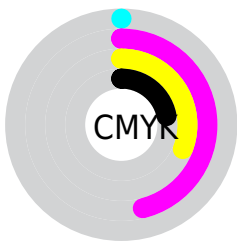
Distribution



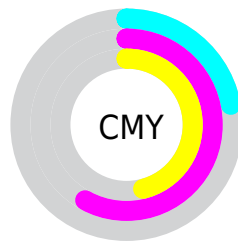
- Red (78%)
- Green (42%)
- Blue (54%)



- Red (78%)
- Yellow (42%)
- Blue (54%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (22%)





- Cyan (22%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3273, 0.3935, 0.2896 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 24.3273, 0.3935, 0.2896 by changing the saturation by 10% instead.


 24.3273, 0.3935,
0.2896


 24.3273, 0.3935,
0.2896


274.4710, 0.3489,
0.3114


 15.5766, 0.4062,
0.2834


 50.5638, 0.3762,
0.2980

 9.2250, 0.4237,
0.2749


 68.8183, 0.3700,
0.3010

 4.8883, 0.4489,
0.2627

 91.0096, 0.3649,
0.3035

 2.1818, 0.4884,
0.2435

 117.5221, 0.3607,
0.3056

 0.7101, 0.5614,
0.2079

148.7400, 0.3571,
0.3074

 0.0000, 1.0000,
0.0000

185.0479, 0.3540,

 0.0000, 0.0000,

0.3089

0.0000

226.8301, 0.3513,
0.3102

■ 24.3273, 0.3935,
0.2896

■ 24.3273, 0.3935,
0.2896

■ 20.3034, 0.4216,
0.2823

■ 29.3454, 0.3695,
0.2981

■ 17.2031, 0.4535,
0.2771

■ 35.4148, 0.3495,
0.3070

■ 14.9521, 0.4879,
0.2754


■ 42.5926, 0.3330,
0.3158


■ 13.4630, 0.5226,
0.2782

■ 50.9308, 0.3195,
0.3243

■ 12.6262, 0.5546,
0.2859

■ 60.4779, 0.3085,
0.3321

 12.3858, 0.5667,
0.2895

 71.2798, 0.2995,
0.3394

 83.3798, 0.2921,
0.3461

 90.0028, 0.2855,
0.3415

 90.7412, 0.2794,
0.3289

Harmonies

Analogous

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



24.3273, 0.3247, 0.2503



24.3273, 0.3935, 0.2896



24.3273, 0.4401, 0.3387

Triad

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



24.3273, 0.3935, 0.2896



24.3273, 0.3561, 0.4549



24.3273, 0.1937, 0.2484

Complementary

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



24.3273, 0.3935, 0.2896



46.3273, 0.2690, 0.3740

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.



24.3273, 0.1998, 0.2980



24.3273, 0.3935, 0.2896



24.3273, 0.2898, 0.4314

Square

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



24.3273, 0.3935, 0.2896



24.3273, 0.4140, 0.4347



24.3273, 0.2332, 0.3681



24.3273, 0.2140, 0.2256

Rectangle

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



24.3273, 0.3935, 0.2896



24.3273, 0.4492, 0.3733



24.3273, 0.2332, 0.3681



24.3273, 0.1927, 0.2619

Sweetspot

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



24.3285, 0.3935, 0.2896



77.8530, 0.3305, 0.3173



22.8836, 0.2851, 0.2070



16.0141, 0.3337, 0.3154



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.



24.3285, 0.3935, 0.2896



36.0369, 0.4213, 0.2823



27.0276, 0.4256, 0.3494



10.6936, 0.3239, 0.3214



8.0720, 0.5631, 0.2876



0.3957, 0.5035, 0.2547

Inverse Universe

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



24.3285, 0.3935, 0.2896



36.0369, 0.4213, 0.2823



40.9918, 0.2479, 0.3066



10.6936, 0.3239, 0.3214



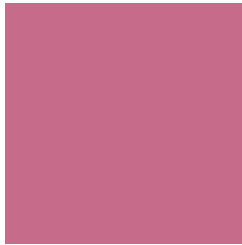
8.0720, 0.5631, 0.2876



0.3957, 0.5035, 0.2547

Previews

White Background



This preview shows how the Yxy color 24.3273, 0.3935, 0.2896 looks on a white background.

Color Contrast Check

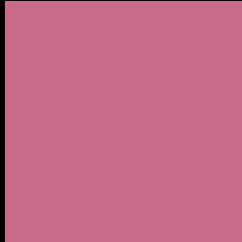
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3273, 0.3935, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

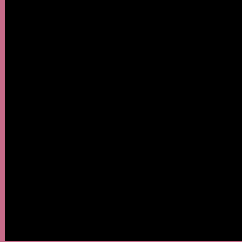
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3273, 0.3935, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 24.3273, 0.3935, 0.2896.



This preview shows how white text looks on a background with the Yxy color 24.3273, 0.3935, 0.2896.

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

24.3273, 0.3935, 0.2896

Protanopia

24.6476, 0.2916, 0.2974

Deuteranopia

24.4101, 0.3327, 0.3258



Tritanopia

24.1956, 0.4162, 0.3186

Trichromacy



Original Color

24.3273, 0.3935, 0.2896

Protanomaly

23.9734, 0.3250, 0.2931

Deuteranomaly

23.8558, 0.3542, 0.3107

Tritanomaly

24.2883, 0.4082, 0.3079

Monochromacy



Original Color

24.3273, 0.3935, 0.2896

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4873, 0.3397, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3273, 0.3935, 0.2896 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(198, 107, 137)` looks like.

```
.text, #text, p{  
    color:rgb(198, 107, 137)  
}
```

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(198, 107, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 107, 137) }
```

Border

The CSS property to change the border of an element to Yxy 24.3273, 0.3935, 0.2896 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(198, 107, 137) }
```

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

```
.border{ border-color:rgb(198, 107, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 107, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 107, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 107, 137);  
box-shadow:4px 4px 4px 4px rgb(198, 107,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3273, 0.3935, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 107, 137) }
```

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

```
.background{ background-color: rgb(198,  
107, 137) }
```

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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