

Converting Colors

$Y_{xy}(24.1431, 0.4040, 0.2879)$

Have a look what the booklet for
Yxy(24.1431, 0.4040, 0.2879)
contains.

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Color

Yxy(24.1463, 0.4040, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	CB6787
RGB	203, 103, 135
RGB Percent	80%, 40%, 53%
CMY	0.2040, 0.5960, 0.4707
CMYK	0.00, 0.49, 0.34, 0.20
HSL	341°, 49%, 60%
HSV	341°, 49%, 80%
XYZ	33.8484, 24.1463, 25.7884
YIQ	136.5480, 49.3280, 31.1520

Conversions

Conversions Part 2

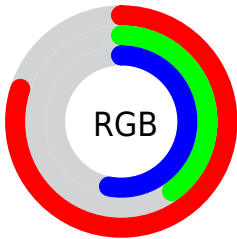
Format	Color
R_{YB}	203, 103, 135
Decimal	13330311
CIE _{Lab}	56.23, 43.05, 0.80
CIE _{LCh}	56, 43.062, 1.063
Yxy	24.1463, 0.4040, 0.2882
Android (android.graphics.Color)	4291520391 (0xFFFCB6787)
YUV	136.5480, -0.7632, 58.2784
Hunter-Lab	49.1389, 36.9633, 3.2814

Details

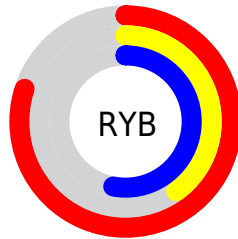
The Yxy color **24.1463, 0.4040, 0.2882** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **48.5331, 0.2660, 0.3764**, and the grayscale version is **24.8271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0048, 0.3777, 0.2968**, and **9.1345, 0.4395, 0.2735** is the 20% darker color. If you saturate the color by 10%, you get **20.2230, 0.4341, 0.2817**, and if you desaturate by 10%, it is **29.1026, 0.3781, 0.2962**.

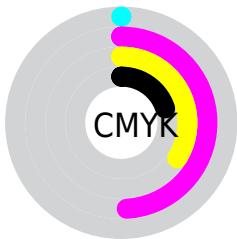
Distribution



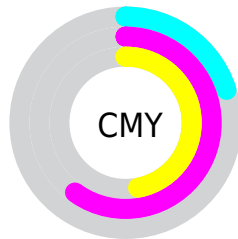
- Red (80%)
- Green (40%)
- Blue (53%)



- Red (80%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (49%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1463, 0.4040, 0.2882 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 24.1463, 0.4040, 0.2882 by changing the saturation by 10% instead.


 24.1463, 0.4040,
0.2882


 24.1463, 0.4040,
0.2882


273.5593, 0.3535,
0.3109


 15.4422, 0.4184,
0.2817


 50.2688, 0.3844,
0.2971

 9.1303, 0.4382,
0.2727


 68.4560, 0.3774,
0.3002

 4.8263, 0.4667,
0.2597


 90.5731, 0.3716,
0.3028

 2.1457, 0.5112,
0.2393

 117.0043, 0.3668,
0.3049

 0.6901, 0.5952,
0.2016

148.1342, 0.3627,
0.3068

 0.0000, 1.0000,
0.0000

184.3470, 0.3592,

 0.0000, 0.0000,

0.3083

0.0000

226.0273, 0.3562,
0.3097

■ 24.1463, 0.4040,
0.2882

■ 24.1463, 0.4040,
0.2882

■ 20.2230, 0.4341,
0.2817

■ 29.1026, 0.3781,
0.2962

■ 17.2551, 0.4676,
0.2778

■ 35.1550, 0.3564,
0.3048

■ 15.1595, 0.5031,
0.2778

■ 42.3659, 0.3385,
0.3134

■ 13.8373, 0.5377,
0.2824

■ 50.7918, 0.3239,
0.3217


■ 13.1205, 0.5685,
0.2911


■ 60.4855, 0.3119,
0.3296

 13.0754, 0.5708,
0.2918

 71.4967, 0.3021,
0.3368

 83.8725, 0.2942,
0.3435

 90.8355, 0.2871,
0.3389

 91.4350, 0.2821,
0.3289

Harmonies

Analogous

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



24.1463, 0.3289, 0.2456



24.1463, 0.4040, 0.2882



24.1463, 0.4533, 0.3409

Triad

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



24.1463, 0.4040, 0.2882



24.1463, 0.3556, 0.4671



24.1463, 0.1848, 0.2393

Complementary

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



24.1463, 0.4040, 0.2882



48.5331, 0.2660, 0.3764

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.



24.1463, 0.1897, 0.2913



24.1463, 0.4040, 0.2882



24.1463, 0.2838, 0.4397

Square

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



24.1463, 0.4040, 0.2882



24.1463, 0.4195, 0.4448



24.1463, 0.2238, 0.3679



24.1463, 0.2077, 0.2169

Rectangle

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



24.1463, 0.4040, 0.2882



24.1463, 0.4613, 0.3779



24.1463, 0.2238, 0.3679



24.1463, 0.1833, 0.2533

Sweetspot

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



24.1475, 0.4040, 0.2882



76.4128, 0.3322, 0.3168



22.5240, 0.2824, 0.1979



15.7295, 0.3355, 0.3150



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.



24.1475, 0.4040, 0.2882



33.5598, 0.4358, 0.2814



27.0306, 0.4380, 0.3508



11.2718, 0.3241, 0.3216



8.3369, 0.5672, 0.2898



0.4439, 0.5110, 0.2589

Inverse Universe

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



24.1475, 0.4040, 0.2882



33.5598, 0.4358, 0.2814



42.4519, 0.2440, 0.3046



11.2718, 0.3241, 0.3216



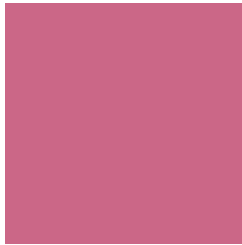
8.3369, 0.5672, 0.2898



0.4439, 0.5110, 0.2589

Previews

White Background



This preview shows how the Yxy color 24.1463, 0.4040, 0.2882 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 24.1463, 0.4040, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

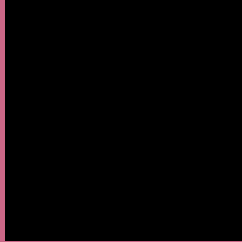
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1463, 0.4040, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 24.1463, 0.4040, 0.2882.



This preview shows how white text looks on a background with the Yxy color 24.1463, 0.4040, 0.2882.

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

24.1463, 0.4040, 0.2882

Protanopia

24.2888, 0.2906, 0.2956

Deuteranopia

24.3283, 0.3361, 0.3307



Tritanopia

24.1478, 0.4295, 0.3202

Trichromacy



Original Color

24.1463, 0.4040, 0.2882

Protanomaly

23.5416, 0.3276, 0.2916

Deuteranomaly

23.7757, 0.3595, 0.3124

Tritanomaly

24.2698, 0.4199, 0.3086

Monochromacy



Original Color

24.1463, 0.4040, 0.2882

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0219, 0.3437, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1463, 0.4040, 0.2882 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(203, 103, 135)` looks like.

```
.text, #text, p{  
    color:rgb(203, 103, 135)  
}
```

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(203, 103, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 103, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.1463, 0.4040, 0.2882 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(203, 103, 135) }
```

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

```
.border{ border-color:rgb(203, 103, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 103, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 103, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 103, 135);  
box-shadow:4px 4px 4px 4px rgb(203, 103,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1463, 0.4040, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 103, 135) }
```

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

```
.background{ background-color: rgb(203,  
103, 135) }
```

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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