

Converting Colors

$Y_{xy}(25.1727, 0.3597, 0.2435)$

Have a look what the booklet for
Yxy(25.1727, 0.3597, 0.2435)
contains.

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Color

Yxy(25.1888, 0.3593, 0.2440)

Conversions

Conversions Part 1

Format	Color
Hex	CD65AA
RGB	205, 101, 170
RGB Percent	80%, 40%, 67%
CMY	0.1960, 0.6040, 0.3332
CMYK	0.00, 0.51, 0.17, 0.20
HSL	320°, 51%, 60%
HSV	320°, 51%, 80%
XYZ	37.0915, 25.1888, 40.9524
YIQ	139.9620, 39.8350, 43.5070

Conversions

Conversions Part 2

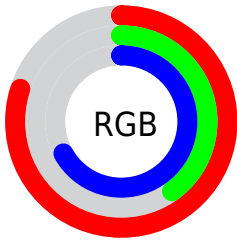
Format	Color
R _Y B	205, 101, 170
Decimal	13460906
CIE Lab	57.26, 49.61, -18.06
CIE LCh	57, 52.797, 339.998
Yxy	25.1888, 0.3593, 0.2440
Android (android.graphics.Color)	4291650986 (0xFFCD65AA)
YUV	139.9620, 14.8087, 57.0383
Hunter-Lab	50.1884, 44.0898, -13.2472

Details

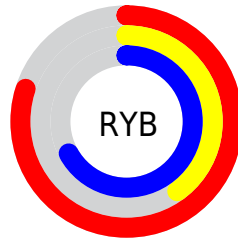
The Yxy color **25.1888, 0.3593, 0.2440** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **48.2128, 0.2856, 0.4352**, and the grayscale version is **26.1400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1389, 0.3429, 0.2583**, and **9.6369, 0.3727, 0.2177** is the 20% darker color. If you saturate the color by 10%, you get **21.4395, 0.3725, 0.2301**, and if you desaturate by 10%, it is **29.9470, 0.3473, 0.2600**.

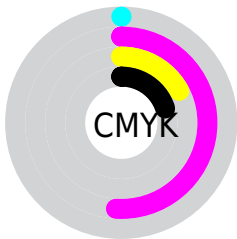
Distribution



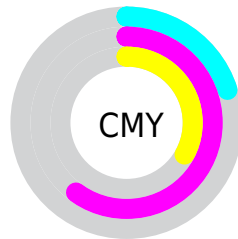
- Red (80%)
- Green (40%)
- Blue (67%)



- Red (80%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (51%)
- Yellow (17%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1888, 0.3593, 0.2440 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 25.1888, 0.3593, 0.2440 by changing the saturation by 10% instead.


 25.1888, 0.3593,
0.2440


 25.1888, 0.3593,
0.2440


278.7769, 0.3352,
0.2875

 16.2178, 0.3655,
0.2329


 51.9633, 0.3504,
0.2600

 9.6784, 0.3736,
0.2186


 70.5357, 0.3471,
0.2660

 5.1862, 0.3846,
0.1994


 93.0772, 0.3443,
0.2710

 2.3569, 0.4001,
0.1726

 119.9723, 0.3420,
0.2753

 0.8036, 0.4237,
0.1330

151.6055, 0.3399,
0.2789

 0.0000, 0.4982,
0.0000

188.3610, 0.3382,

 0.0000, 0.0000,

0.2822

0.0000

230.6233, 0.3366,
0.2850

■ 25.1888, 0.3593,
0.2440

■ 25.1888, 0.3593,
0.2440

■ 21.4395, 0.3725,
0.2301

■ 29.9470, 0.3473,
0.2600

■ 18.6201, 0.3867,
0.2194

■ 35.7781, 0.3368,
0.2771

■ 16.6454, 0.4014,
0.2130

■ 42.7453, 0.3276,
0.2944

■ 15.4131, 0.4161,
0.2115

■ 50.9055, 0.3198,
0.3115

■ 14.7608, 0.4294,
0.2139

■ 60.3120, 0.3132,
0.3278

■ 71.0148, 0.3076,
0.3432

■ 83.0612, 0.3030,
0.3576

■ 89.9478, 0.2991,
0.3608

■ 90.3322, 0.2953,
0.3533

Harmonies

Analogous

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



25.1888, 0.2692, 0.2085



25.1888, 0.3593, 0.2440



25.1888, 0.4455, 0.2967

Triad

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



25.1888, 0.3593, 0.2440



25.1888, 0.4159, 0.4781



25.1888, 0.1635, 0.2595

Complementary

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



25.1888, 0.3593, 0.2440



48.2128, 0.2856, 0.4352

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.



25.1888, 0.1912, 0.3451



25.1888, 0.3593, 0.2440



25.1888, 0.3349, 0.4956

Square

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



25.1888, 0.3593, 0.2440



25.1888, 0.4745, 0.4225



25.1888, 0.2525, 0.4435



25.1888, 0.1681, 0.2110

Rectangle

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



25.1888, 0.3593, 0.2440



25.1888, 0.4810, 0.3373



25.1888, 0.2525, 0.4435



25.1888, 0.1690, 0.2842

Sweetspot

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



25.1900, 0.3593, 0.2440



77.1759, 0.3231, 0.3040



18.9199, 0.2460, 0.1806



15.9130, 0.3248, 0.3003



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.



25.1900, 0.3593, 0.2440



34.5662, 0.3740, 0.2288



23.6023, 0.4314, 0.3074



11.3371, 0.3188, 0.3137



9.2060, 0.4275, 0.2128



0.4887, 0.4016, 0.1986

Inverse Universe

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



25.1900, 0.3593, 0.2440



34.5662, 0.3740, 0.2288



50.0529, 0.2562, 0.3539



11.3371, 0.3188, 0.3137



9.2060, 0.4275, 0.2128



0.4887, 0.4016, 0.1986

Previews

White Background



This preview shows how the Yxy color 25.1888, 0.3593, 0.2440 looks on a white background.

Color Contrast Check

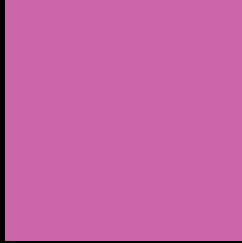
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1888, 0.3593, 0.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

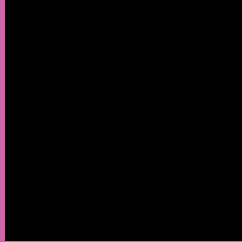
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1888, 0.3593, 0.2440

Background



This preview shows how black text looks on a background with the Yxy color 25.1888, 0.3593, 0.2440.



This preview shows how white text looks on a background with the Yxy color 25.1888, 0.3593, 0.2440.

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

25.1888, 0.3593, 0.2440

Protanopia

25.5158, 0.2450, 0.2370

Deuteranopia

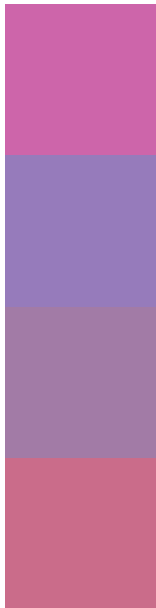
25.4116, 0.2874, 0.2826



Tritanopia

25.2238, 0.4171, 0.3188

Trichromacy



Original Color

25.1888, 0.3593, 0.2440

Protanomaly

24.2378, 0.2778, 0.2352

Deuteranomaly

24.6005, 0.3112, 0.2652

Tritanomaly

25.1167, 0.3966, 0.2903

Monochromacy



Original Color

25.1888, 0.3593, 0.2440

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.0486, 0.3296, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1888, 0.3593, 0.2440 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(205, 101, 170)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 170)  
}
```

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(205, 101, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 170) }
```

Border

The CSS property to change the border of an element to Yxy 25.1888, 0.3593, 0.2440 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(205, 101, 170) }
```

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

```
.border{ border-color:rgb(205, 101, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 170);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1888, 0.3593, 0.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 170) }
```

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

```
.background{ background-color: rgb(205,  
101, 170) }
```

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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