

Converting Colors

$Y_{xy}(25.3834, 0.3627, 0.2688)$

Have a look what the booklet for
Yxy(25.3834, 0.3627, 0.2688)
contains.

Yxy(25.4053, 0.3620, 0.2683)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4053, 0.3620, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	C36F9D
RGB	195, 111, 157
RGB Percent	76%, 44%, 62%
CMY	0.2353, 0.5647, 0.3842
CMYK	0.00, 0.43, 0.19, 0.24
HSL	327°, 41%, 60%
HSV	327°, 43%, 76%
XYZ	34.2777, 25.4053, 35.0069
YIQ	141.3600, 35.2980, 32.1140

Conversions

Conversions Part 2

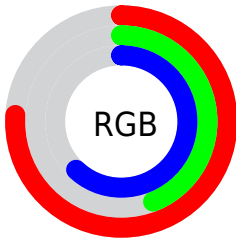
Format	Color
R _Y B	195, 111, 157
Decimal	12808093
CIE Lab	57.47, 39.23, -10.34
CIE LCh	57, 40.567, 345.228
Yxy	25.4053, 0.3620, 0.2683
Android (android.graphics.Color)	4290998173 (0xFFC36F9D)
YUV	141.3600, 7.7105, 47.0423
Hunter-Lab	50.4037, 33.1851, -5.8961

Details

The Yxy color **25.4053, 0.3620, 0.2683** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.5793, 0.2826, 0.4000**, and the grayscale version is **26.7444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1870, 0.3516, 0.2794**, and **9.7613, 0.3776, 0.2480** is the 20% darker color. If you saturate the color by 10%, you get **21.3151, 0.3790, 0.2552**, and if you desaturate by 10%, it is **30.4485, 0.3472, 0.2825**.

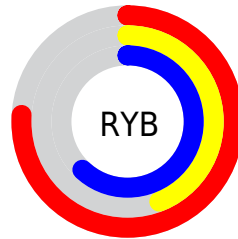
Distribution



Red (76%)

Green (44%)

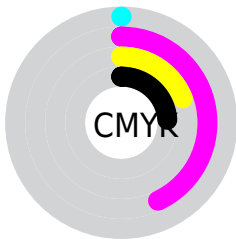
Blue (62%)



Red (76%)

Yellow (44%)

Blue (62%)

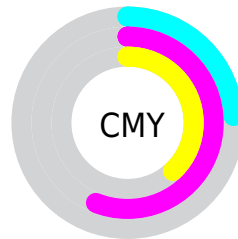


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4053, 0.3620, 0.2683 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 25.4053, 0.3620, 0.2683 by changing the saturation by 10% instead.


 25.4053, 0.3620,
0.2683


 25.4053, 0.3620,
0.2683

279.8504, 0.3357,
0.3002


 16.3793, 0.3692,
0.2598

 52.3140, 0.3520,
0.2803

 9.7929, 0.3788,
0.2487


 70.9654, 0.3484,
0.2846

 5.2619, 0.3923,
0.2333


 93.5941, 0.3454,
0.2883

 2.4017, 0.4125,
0.2109

 120.5845, 0.3428,
0.2914

 0.8268, 0.4461,
0.1753

152.3209, 0.3406,
0.2940

 0.0000, 0.6232,
0.0000

189.1878, 0.3388,

 0.0000, 0.0000,

0.2964

0.0000

231.5695, 0.3371,
0.2984

■ 25.4053, 0.3620,
0.2683

■ 25.4053, 0.3620,
0.2683

■ 21.3151, 0.3790,
0.2552

■ 30.4485, 0.3472,
0.2825

■ 18.1127, 0.3980,
0.2443

■ 36.4969, 0.3346,
0.2970

■ 15.7304, 0.4187,
0.2367


■ 43.6036, 0.3240,
0.3113


■ 14.0893, 0.4403,
0.2337

■ 51.8165, 0.3151,
0.3250

■ 13.0941, 0.4618,
0.2359


■ 61.1808, 0.3078,
0.3378

 12.6605, 0.4764,
0.2398

 71.7389, 0.3016,
0.3497

 83.5314, 0.2966,
0.3608

 88.6987, 0.2920,
0.3587

 89.1997, 0.2874,
0.3489

Harmonies

Analogous

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



25.4053, 0.2912, 0.2359



25.4053, 0.3620, 0.2683



25.4053, 0.4234, 0.3140

Triad

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



25.4053, 0.3620, 0.2683



25.4053, 0.3869, 0.4511



25.4053, 0.1919, 0.2682

Complementary

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



25.4053, 0.3620, 0.2683



44.5793, 0.2826, 0.4000

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.



25.4053, 0.2113, 0.3303



25.4053, 0.3620, 0.2683



25.4053, 0.3217, 0.4505

Square

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



25.4053, 0.3620, 0.2683



25.4053, 0.4352, 0.4158



25.4053, 0.2575, 0.4028



25.4053, 0.1998, 0.2322

Rectangle

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



25.4053, 0.3620, 0.2683



25.4053, 0.4462, 0.3483



25.4053, 0.2575, 0.4028



25.4053, 0.1953, 0.2863

Sweetspot

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



25.4065, 0.3620, 0.2683



77.9231, 0.3241, 0.3111



21.6801, 0.2684, 0.2086



16.4014, 0.3264, 0.3080



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.



25.4065, 0.3620, 0.2683



38.3520, 0.3785, 0.2555



24.2137, 0.4183, 0.3236



10.1682, 0.3205, 0.3165



8.2457, 0.4737, 0.2383



0.3700, 0.4307, 0.2146

Inverse Universe

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



25.4065, 0.3620, 0.2683



38.3520, 0.3785, 0.2555



46.1630, 0.2572, 0.3349



10.1682, 0.3205, 0.3165



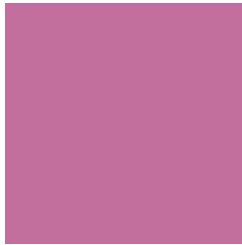
8.2457, 0.4737, 0.2383



0.3700, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 25.4053, 0.3620, 0.2683 looks on a white background.

Color Contrast Check

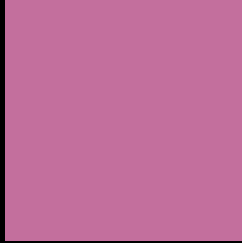
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4053, 0.3620, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

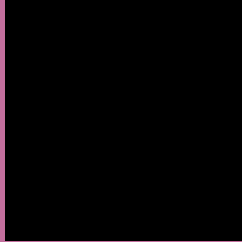
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4053, 0.3620, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 25.4053, 0.3620, 0.2683.



This preview shows how white text looks on a background with the Yxy color 25.4053, 0.3620, 0.2683.

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

25.4053, 0.3620, 0.2683

Protanopia

25.6536, 0.2694, 0.2685

Deuteranopia

25.6476, 0.3053, 0.3001



Tritanopia

25.4354, 0.3970, 0.3169

Trichromacy



Original Color

25.4053, 0.3620, 0.2683

Protanomaly

25.0378, 0.2991, 0.2682

Deuteranomaly

25.0413, 0.3251, 0.2867

Tritanomaly

25.4051, 0.3845, 0.2993

Monochromacy



Original Color

25.4053, 0.3620, 0.2683

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.6489, 0.3300, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4053, 0.3620, 0.2683 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(195, 111, 157)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 157)  
}
```

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(195, 111, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 157) }
```

Border

The CSS property to change the border of an element to Yxy 25.4053, 0.3620, 0.2683 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(195, 111, 157) }
```

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

```
.border{ border-color:rgb(195, 111, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 157);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4053, 0.3620, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 157) }
```

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

```
.background{ background-color: rgb(195,  
111, 157) }
```

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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