

Converting Colors

$Y_{xy}(25.6858, 0.3554, 0.2666)$

Have a look what the booklet for
Yxy(25.6858, 0.3554, 0.2666)
contains.

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Color

Yxy(25.6858, 0.3554, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	C171A0
RGB	193, 113, 160
RGB Percent	76%, 44%, 63%
CMY	0.2432, 0.5568, 0.3725
CMYK	0.00, 0.41, 0.17, 0.24
HSL	325°, 39%, 60%
HSV	325°, 41%, 76%
XYZ	34.2413, 25.6858, 36.4187
YIQ	142.2780, 32.5930, 31.5770

Conversions

Conversions Part 2

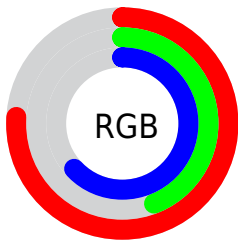
Format	Color
R_{YB}	193, 113, 160
Decimal	12677536
CIE _{Lab}	57.74, 37.94, -11.70
CIE _{LCh}	58, 39.701, 342.865
Yxy	25.6858, 0.3554, 0.2666
Android (android.graphics.Color)	4290867616 (0xFFC171A0)
YUV	142.2780, 8.7369, 44.4832
Hunter-Lab	50.6812, 31.9065, -7.1281

Details

The Yxy color **25.6858, 0.3554, 0.2666** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.7204, 0.2856, 0.4019**, and the grayscale version is **27.1223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6880, 0.3469, 0.2782**, and **9.9312, 0.3713, 0.2473** is the 20% darker color. If you saturate the color by 10%, you get **21.5590, 0.3704, 0.2524**, and if you desaturate by 10%, it is **30.7484, 0.3423, 0.2818**.

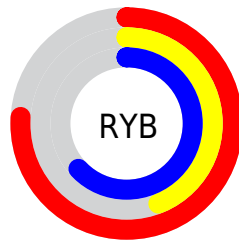
Distribution



Red (76%)

Green (44%)

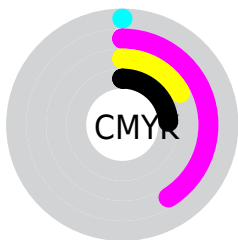
Blue (63%)



Red (76%)

Yellow (44%)

Blue (63%)

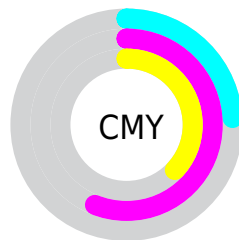


Cyan (0%)

Magenta (41%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6858, 0.3554, 0.2666 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 25.6858, 0.3554, 0.2666 by changing the saturation by 10% instead.


 25.6858, 0.3554,
0.2666


 25.6858, 0.3554,
0.2666


281.2363, 0.3328,
0.2992


 16.5887, 0.3615,
0.2580


 52.7676, 0.3469,
0.2788


 9.9417, 0.3696,
0.2467


 71.5212, 0.3437,
0.2833

 5.3603, 0.3809,
0.2312


 94.2623, 0.3412,
0.2870

 2.4602, 0.3976,
0.2087

 121.3755, 0.3390,
0.2902

 0.8566, 0.4249,
0.1735

153.2451, 0.3371,
0.2929

 0.0000, 0.5580,
0.0000

190.2555, 0.3355,

 0.0000, 0.0000,

0.2953

0.0000

232.7911, 0.3340,
0.2974

■ 25.6858, 0.3554,
0.2666

■ 25.6858, 0.3554,
0.2666

■ 21.5590, 0.3704,
0.2524

■ 30.7484, 0.3423,
0.2818

■ 18.3055, 0.3871,
0.2402

■ 36.7969, 0.3312,
0.2973

■ 15.8609, 0.4054,
0.2311


■ 43.8821, 0.3217,
0.3125

■ 14.1501, 0.4244,
0.2264

■ 52.0503, 0.3137,
0.3270


■ 13.0838, 0.4435,
0.2268

■ 61.3449, 0.3071,
0.3406

 12.5378, 0.4596,
0.2305

 71.8071, 0.3016,
0.3533

 83.4756, 0.2971,
0.3650

 88.2193, 0.2929,
0.3631

 88.6603, 0.2887,
0.3542

Harmonies

Analogous

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



25.6858, 0.2867, 0.2361



25.6858, 0.3554, 0.2666



25.6858, 0.4168, 0.3107

Triad

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



25.6858, 0.3554, 0.2666



25.6858, 0.3899, 0.4465



25.6858, 0.1951, 0.2737

Complementary

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



25.6858, 0.3554, 0.2666



43.7204, 0.2856, 0.4019

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.



25.6858, 0.2163, 0.3360



25.6858, 0.3554, 0.2666



25.6858, 0.3269, 0.4489

Square

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



25.6858, 0.3554, 0.2666



25.6858, 0.4350, 0.4106



25.6858, 0.2634, 0.4058



25.6858, 0.2007, 0.2363

Rectangle

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



25.6858, 0.3554, 0.2666



25.6858, 0.4412, 0.3441



25.6858, 0.2634, 0.4058



25.6858, 0.1991, 0.2921

Sweetspot

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



25.6870, 0.3554, 0.2666



77.5917, 0.3223, 0.3114



21.6821, 0.2665, 0.2124



16.2690, 0.3235, 0.3094



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6870, 0.3554, 0.2666



39.0554, 0.3693, 0.2533



24.5290, 0.4068, 0.3184



10.1750, 0.3199, 0.3156



8.3565, 0.4573, 0.2293



0.3745, 0.4190, 0.2082

Inverse Universe

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



25.6870, 0.3554, 0.2666



39.0554, 0.3693, 0.2533



45.1481, 0.2613, 0.3406



10.1750, 0.3199, 0.3156



8.3565, 0.4573, 0.2293



0.3745, 0.4190, 0.2082

Previews

White Background



This preview shows how the Yxy color 25.6858, 0.3554, 0.2666 looks on a white background.

Color Contrast Check

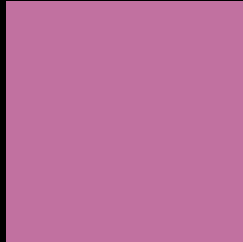
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6858, 0.3554, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

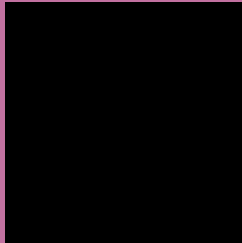
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6858, 0.3554, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 25.6858, 0.3554, 0.2666.



This preview shows how white text looks on a background with the Yxy color 25.6858, 0.3554, 0.2666.

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

25.6858, 0.3554, 0.2666

Protanopia

26.0184, 0.2679, 0.2673

Deuteranopia

25.7480, 0.3023, 0.2955



Tritanopia

25.6993, 0.3910, 0.3167

Trichromacy



Original Color

25.6858, 0.3554, 0.2666

Protanomaly

25.3162, 0.2951, 0.2654

Deuteranomaly

25.2944, 0.3206, 0.2837

Tritanomaly

25.6924, 0.3774, 0.2976

Monochromacy



Original Color

25.6858, 0.3554, 0.2666

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.9796, 0.3277, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6858, 0.3554, 0.2666 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(193, 113, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 113, 160)  
}
```

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(193, 113, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 113, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.6858, 0.3554, 0.2666 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(193, 113, 160) }
```

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

```
.border{ border-color:rgb(193, 113, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 113, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 113, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 113, 160);  
box-shadow:4px 4px 4px 4px rgb(193, 113,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6858, 0.3554, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 113, 160) }
```

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

```
.background{ background-color: rgb(193,  
113, 160) }
```

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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