

Converting Colors

$Y_{xy}(25.4119, 0.3679, 0.2818)$

Have a look what the booklet for
Yxy(25.4119, 0.3679, 0.2818)
contains.

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Color

Yxy(25.4110, 0.3679, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	C07295
RGB	192, 114, 149
RGB Percent	75%, 45%, 58%
CMY	0.2472, 0.5529, 0.4157
CMYK	0.00, 0.41, 0.22, 0.25
HSL	333°, 38%, 60%
HSV	333°, 41%, 75%
XYZ	33.1750, 25.4110, 31.5879
YIQ	141.3120, 35.2530, 27.4210

Conversions

Conversions Part 2

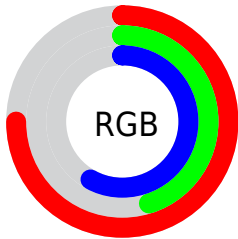
Format	Color
R _Y B	192, 114, 149
Decimal	12612245
CIE Lab	57.47, 35.34, -5.72
CIE LCh	57, 35.805, 350.807
Yxy	25.4110, 0.3679, 0.2818
Android (android.graphics.Color)	4290802325 (0xFFC07295)
YUV	141.3120, 3.7902, 44.4534
Hunter-Lab	50.4093, 29.2566, -1.8663

Details

The Yxy color **25.4110, 0.3679, 0.2818** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.7008, 0.2790, 0.3826**, and the grayscale version is **26.7405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2732, 0.3566, 0.2912**, and **9.8670, 0.3888, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **21.2026, 0.3885, 0.2707**, and if you desaturate by 10%, it is **30.5614, 0.3503, 0.2937**.

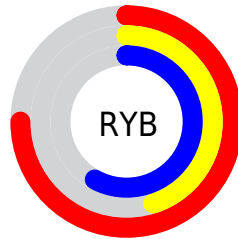
Distribution



Red (75%)

Green (45%)

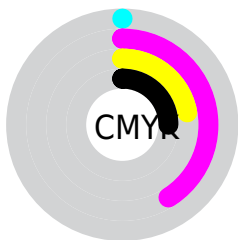
Blue (58%)



Red (75%)

Yellow (45%)

Blue (58%)

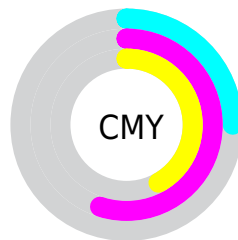


Cyan (0%)

Magenta (41%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4110, 0.3679, 0.2818 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 25.4110, 0.3679, 0.2818 by changing the saturation by 10% instead.


 25.4110, 0.3679,
0.2818


 25.4110, 0.3679,
0.2818


279.8786, 0.3379,
0.3070


 16.3835, 0.3763,
0.2749


 52.3232, 0.3564,
0.2914


 9.7960, 0.3876,
0.2658


 70.9767, 0.3523,
0.2948

 5.2639, 0.4037,
0.2529


 93.6077, 0.3489,
0.2977

 2.4029, 0.4285,
0.2337

 120.6006, 0.3460,
0.3002

 0.8274, 0.4715,
0.2016

152.3397, 0.3435,
0.3022

 0.0000, 0.8623,
0.0000

189.2095, 0.3414,

 0.0000, 0.0000,

0.3040

0.0000

231.5943, 0.3396,
0.3056

■ 25.4110, 0.3679,
0.2818

■ 25.4110, 0.3679,
0.2818

■ 21.2026, 0.3885,
0.2707

■ 30.5614, 0.3503,
0.2937

■ 17.8745, 0.4121,
0.2614

■ 36.7032, 0.3356,
0.3057

■ 15.3632, 0.4382,
0.2551


■ 43.8869, 0.3234,
0.3173


■ 13.5950, 0.4658,
0.2529


■ 52.1583, 0.3133,
0.3284

■ 12.4826, 0.4934,
0.2559


■ 61.5605, 0.3049,
0.3387

 11.8770, 0.5183,
0.2629

 72.1341, 0.2981,
0.3482

 83.9180, 0.2924,
0.3569

 88.6445, 0.2871,
0.3520

 89.2701, 0.2816,
0.3404

Harmonies

Analogous

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



25.4110, 0.3053, 0.2497



25.4110, 0.3679, 0.2818



25.4110, 0.4175, 0.3249

Triad

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



25.4110, 0.3679, 0.2818



25.4110, 0.3696, 0.4397



25.4110, 0.2038, 0.2678

Complementary

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



25.4110, 0.3679, 0.2818



43.7008, 0.2790, 0.3826

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.



25.4110, 0.2172, 0.3194



25.4110, 0.3679, 0.2818



25.4110, 0.3104, 0.4301

Square

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



25.4110, 0.3679, 0.2818



25.4110, 0.4160, 0.4148



25.4110, 0.2549, 0.3825



25.4110, 0.2154, 0.2393

Rectangle

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



25.4110, 0.3679, 0.2818



25.4110, 0.4333, 0.3564



25.4110, 0.2549, 0.3825



25.4110, 0.2055, 0.2827

Sweetspot

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



25.4122, 0.3679, 0.2818



77.3499, 0.3252, 0.3155



23.0015, 0.2797, 0.2187



16.2120, 0.3267, 0.3140



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.



25.4122, 0.3679, 0.2818



38.9940, 0.3867, 0.2716



25.3562, 0.4123, 0.3347



10.1513, 0.3220, 0.3187



8.0096, 0.5152, 0.2612



0.3599, 0.4610, 0.2313

Inverse Universe

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



25.4122, 0.3679, 0.2818



38.9940, 0.3867, 0.2716



43.3823, 0.2566, 0.3232



10.1513, 0.3220, 0.3187



8.0096, 0.5152, 0.2612



0.3599, 0.4610, 0.2313

Previews

White Background



This preview shows how the Yxy color 25.4110, 0.3679, 0.2818 looks on a white background.

Color Contrast Check

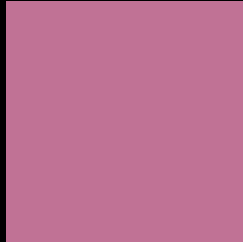
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4110, 0.3679, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

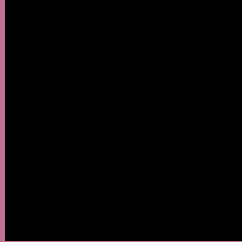
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4110, 0.3679, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 25.4110, 0.3679, 0.2818.



This preview shows how white text looks on a background with the Yxy color 25.4110, 0.3679, 0.2818.

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

25.4110, 0.3679, 0.2818

Protanopia

25.5582, 0.2826, 0.2853

Deuteranopia

25.4841, 0.3180, 0.3114



Tritanopia

25.4363, 0.3928, 0.3167

Trichromacy



Original Color

25.4110, 0.3679, 0.2818

Protanomaly

25.0737, 0.3093, 0.2827

Deuteranomaly

25.2534, 0.3363, 0.3002

Tritanomaly

25.5482, 0.3839, 0.3044

Monochromacy



Original Color

25.4110, 0.3679, 0.2818

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7198, 0.3321, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4110, 0.3679, 0.2818 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(192, 114, 149)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 149)  
}
```

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(192, 114, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 149) }
```

Border

The CSS property to change the border of an element to Yxy 25.4110, 0.3679, 0.2818 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(192, 114, 149) }
```

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

```
.border{ border-color:rgb(192, 114, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 149);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4110, 0.3679, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 149) }
```

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

```
.background{ background-color: rgb(192,  
114, 149) }
```

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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