

Converting Colors

$Y_{xy}(24.6501, 0.3789, 0.2908)$

Have a look what the booklet for
Yxy(24.6501, 0.3789, 0.2908)
contains.

Yxy(24.5582, 0.3791, 0.2909)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5582, 0.3791, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	BF708C
RGB	191, 112, 140
RGB Percent	75%, 44%, 55%
CMY	0.2512, 0.5606, 0.4510
CMYK	0.00, 0.41, 0.27, 0.25
HSL	339°, 38%, 59%
HSV	339°, 41%, 75%
XYZ	32.0042, 24.5582, 27.8591
YIQ	138.8130, 38.0960, 25.4560

Conversions

Conversions Part 2

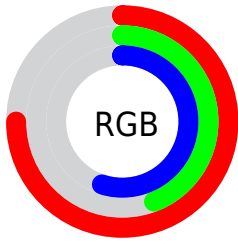
Format	Color
R_{YB}	191, 112, 140
Decimal	12546188
CIE _{Lab}	56.64, 34.74, -1.72
CIE _{LCh}	57, 34.780, 357.159
Yxy	24.5582, 0.3791, 0.2909
Android (android.graphics.Color)	4290736268 (0xFFBF708C)
YUV	138.8130, 0.5852, 45.7680
Hunter-Lab	49.5562, 28.5546, 1.3582

Details

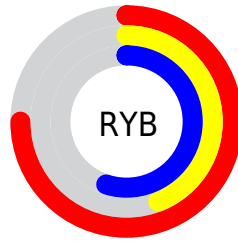
The Yxy color **24.5582, 0.3791, 0.2909** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **43.3328, 0.2738, 0.3717**, and the grayscale version is **25.7313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9003, 0.3655, 0.2993**, and **9.3343, 0.4029, 0.2774** is the 20% darker color. If you saturate the color by 10%, you get **20.4378, 0.4041, 0.2823**, and if you desaturate by 10%, it is **29.6153, 0.3580, 0.3003**.

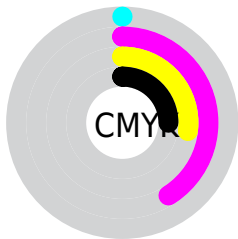
Distribution



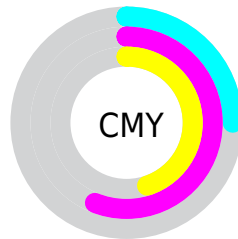
- Red (75%)
- Green (44%)
- Blue (55%)



- Red (75%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (25%)




- Cyan (25%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5582, 0.3791, 0.2909 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 24.5582, 0.3791, 0.2909 by changing the saturation by 10% instead.


 24.5582, 0.3791,
0.2909


 24.5582, 0.3791,
0.2909


275.6305, 0.3426,
0.3117


 15.7482, 0.3895,
0.2850


 50.9396, 0.3649,
0.2989


 9.3462, 0.4037,
0.2771


 69.2798, 0.3599,
0.3018

 4.9676, 0.4244,
0.2656

 91.5655, 0.3557,
0.3042

 2.2283, 0.4567,
0.2479

 118.1811, 0.3522,
0.3062

 0.7354, 0.5154,
0.2151

149.5110, 0.3493,
0.3079

 0.0000, 1.0000,
0.0000

185.9396, 0.3467,

 0.0000, 0.0000,

0.3093

0.0000

227.8513, 0.3445,
0.3106

■ 24.5582, 0.3791,
0.2909

■ 24.5582, 0.3791,
0.2909

■ 20.4378, 0.4041,
0.2823

■ 29.6153, 0.3580,
0.3003

■ 17.1923, 0.4329,
0.2754

■ 35.6589, 0.3404,
0.3099

■ 14.7580, 0.4648,
0.2714


■ 42.7394, 0.3260,
0.3191

■ 13.0607, 0.4982,
0.2715


■ 50.9026, 0.3141,
0.3279

■ 12.0124, 0.5307,
0.2765


■ 60.1917, 0.3044,
0.3360

 11.4833, 0.5567,
0.2840

 70.6476, 0.2965,
0.3435

 82.3088, 0.2900,
0.3504

 88.8012, 0.2839,
0.3465

 89.5538, 0.2777,
0.3332

Harmonies

Analogous

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



24.5582, 0.3184, 0.2564



24.5582, 0.3791, 0.2909



24.5582, 0.4223, 0.3349

Triad

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



24.5582, 0.3791, 0.2909



24.5582, 0.3570, 0.4390



24.5582, 0.2059, 0.2610

Complementary

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



24.5582, 0.3791, 0.2909



43.3328, 0.2738, 0.3717

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.



24.5582, 0.2138, 0.3074



24.5582, 0.3791, 0.2909



24.5582, 0.2982, 0.4209

Square

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



24.5582, 0.3791, 0.2909



24.5582, 0.4065, 0.4207



24.5582, 0.2462, 0.3687



24.5582, 0.2224, 0.2379

Rectangle

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



24.5582, 0.3791, 0.2909



24.5582, 0.4328, 0.3660



24.5582, 0.2462, 0.3687



24.5582, 0.2058, 0.2740

Sweetspot

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



24.5594, 0.3791, 0.2909



75.4201, 0.3271, 0.3183



23.0386, 0.2860, 0.2189



16.1742, 0.3289, 0.3171



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.



24.5594, 0.3791, 0.2909



36.9796, 0.4027, 0.2827



26.2972, 0.4109, 0.3438



9.5907, 0.3234, 0.3209



7.5647, 0.5531, 0.2821



0.3089, 0.4860, 0.2451

Inverse Universe

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



24.5594, 0.3791, 0.2909



36.9796, 0.4027, 0.2827



40.0234, 0.2543, 0.3132



9.5907, 0.3234, 0.3209



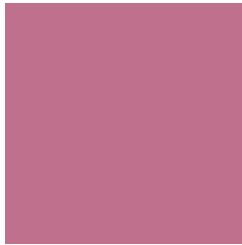
7.5647, 0.5531, 0.2821



0.3089, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 24.5582, 0.3791, 0.2909 looks on a white background.

Color Contrast Check

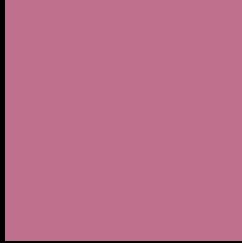
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5582, 0.3791, 0.2909 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 24.5582, 0.3791, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 24.5582, 0.3791, 0.2909.



This preview shows how white text looks on a background with the Yxy color 24.5582, 0.3791, 0.2909.

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

24.5582, 0.3791, 0.2909

Protanopia

24.6476, 0.2916, 0.2974

Deuteranopia

24.6982, 0.3269, 0.3209



Tritanopia

24.5355, 0.3970, 0.3167

Trichromacy



Original Color

24.5582, 0.3791, 0.2909

Protanomaly

24.2187, 0.3201, 0.2943

Deuteranomaly

24.3947, 0.3449, 0.3090

Tritanomaly

24.5935, 0.3906, 0.3071

Monochromacy



Original Color

24.5582, 0.3791, 0.2909

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8337, 0.3357, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5582, 0.3791, 0.2909 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(191, 112, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 112, 140)  
}
```

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(191, 112, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 112, 140) }
```

Border

The CSS property to change the border of an element to Yxy 24.5582, 0.3791, 0.2909 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(191, 112, 140) }
```

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

```
.border{ border-color:rgb(191, 112, 140) }
```

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

Here you see how a box with a 4 pixel rgb(191, 112, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 112, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 112, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 112,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5582, 0.3791, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 112, 140) }
```

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

```
.background{ background-color: rgb(191,  
112, 140) }
```

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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