

Converting Colors

$Y_{xy}(24.2195, 0.4148, 0.3172)$

Have a look what the booklet for
Yxy(24.2195, 0.4148, 0.3172)
contains.

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Color

Yxy(24.2195, 0.4148, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	C46E77
RGB	196, 110, 119
RGB Percent	77%, 43%, 47%
CMY	0.2314, 0.5686, 0.5333
CMYK	0.00, 0.44, 0.39, 0.23
HSL	354°, 42%, 60%
HSV	354°, 44%, 77%
XYZ	31.6717, 24.2195, 20.4629
YIQ	136.7400, 48.3670, 21.0310

Conversions

Conversions Part 2

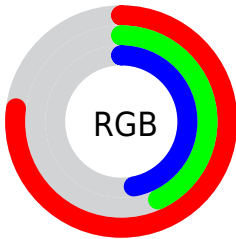
Format	Color
R_{YB}	196, 110, 119
Decimal	12873335
CIE _{Lab}	56.31, 34.97, 10.11
CIE _{LCh}	56, 36.405, 16.119
Yxy	24.2195, 0.4148, 0.3172
Android (android.graphics.Color)	4291063415 (0xFFC46E77)
YUV	136.7400, -8.7458, 51.9710
Hunter-Lab	49.2133, 28.7519, 9.7966

Details

The Yxy color **24.2195, 0.4148, 0.3172** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.3831, 0.2591, 0.3420**, and the grayscale version is **24.9339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3947, 0.3927, 0.3208**, and **9.1756, 0.4527, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **20.0652, 0.4527, 0.3151**, and if you desaturate by 10%, it is **29.3894, 0.3828, 0.3198**.

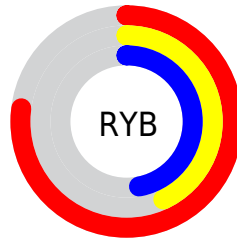
Distribution



Red (77%)

Green (43%)

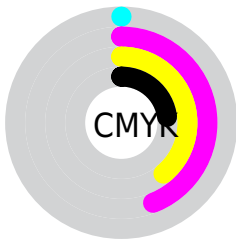
Blue (47%)



Red (77%)

Yellow (43%)

Blue (47%)

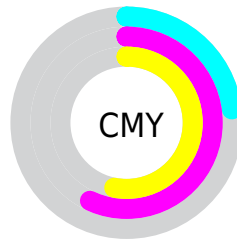


Cyan (0%)

Magenta (44%)

Yellow (39%)

Black (23%)



Cyan (23%)


Magenta (57%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2195, 0.4148, 0.3172 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 24.2195, 0.4148, 0.3172 by changing the saturation by 10% instead.


 24.2195, 0.4148,
0.3172


 24.2195, 0.4148,
0.3172


273.9283, 0.3578,
0.3252

 15.4965, 0.4313,
0.3143


 50.3882, 0.3925,
0.3207


 9.1686, 0.4539,
0.3099


 68.6026, 0.3846,
0.3218

 4.8513, 0.4868,
0.3026

 90.7497, 0.3781,
0.3227

 2.1603, 0.5382,
0.2891

 117.2138, 0.3727,
0.3234

 0.6982, 0.6951,
0.2831

148.3794, 0.3681,
0.3240

 0.0000, 1.0000,
0.0000


184.6307, 0.3642,


 0.0000, 0.0000,


0.3244


0.0000

226.3522, 0.3608,
0.3248


 24.2195, 0.4148,
0.3172


 24.2195, 0.4148,
0.3172

 20.0652, 0.4527,
0.3151


 29.3894, 0.3828,
0.3198


 16.8563, 0.4956,
0.3140


 35.6319, 0.3566,
0.3226


 14.5192, 0.5404,
0.3145

 43.0040, 0.3354,
0.3254

 12.9680, 0.5821,
0.3169

 51.5578, 0.3184,
0.3280


 12.0994, 0.6143,
0.3211

 61.3420, 0.3047,
0.3305

 11.7884, 0.6283,
0.3235

 72.4027, 0.2936,
0.3327

 84.7834, 0.2846,
0.3347

 90.4760, 0.2784,
0.3289

Harmonies

Analogous

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



24.2195, 0.3598, 0.2743



24.2195, 0.4148, 0.3172



24.2195, 0.4387, 0.3654

Triad

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



24.2195, 0.4148, 0.3172



24.2195, 0.3198, 0.4381



24.2195, 0.2091, 0.2395

Complementary

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



24.2195, 0.4148, 0.3172



46.3831, 0.2591, 0.3420

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.



24.2195, 0.2011, 0.2726



24.2195, 0.4148, 0.3172



24.2195, 0.2610, 0.3940

Square

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



24.2195, 0.4148, 0.3172



24.2195, 0.3799, 0.4412



24.2195, 0.2187, 0.3289



24.2195, 0.2414, 0.2308

Rectangle

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



24.2195, 0.4148, 0.3172



24.2195, 0.4332, 0.3967



24.2195, 0.2187, 0.3289



24.2195, 0.2036, 0.2477

Sweetspot

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



24.2207, 0.4148, 0.3172



78.8769, 0.3342, 0.3256



25.5732, 0.3068, 0.2193



16.1960, 0.3385, 0.3250



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.



24.2207, 0.4148, 0.3172



36.3785, 0.4525, 0.3151



32.4974, 0.4066, 0.3733



10.0947, 0.3273, 0.3266



7.5807, 0.6262, 0.3223



0.3334, 0.5843, 0.2992

Inverse Universe

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



24.2207, 0.4148, 0.3172



36.3785, 0.4525, 0.3151



33.5077, 0.2455, 0.2789



10.0947, 0.3273, 0.3266



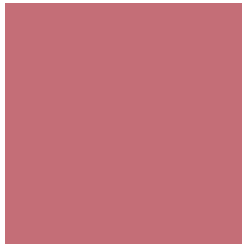
7.5807, 0.6262, 0.3223



0.3334, 0.5843, 0.2992

Previews

White Background



This preview shows how the Yxy color 24.2195, 0.4148, 0.3172 looks on a white background.

Color Contrast Check

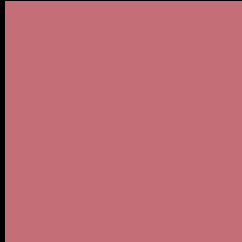
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2195, 0.4148, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

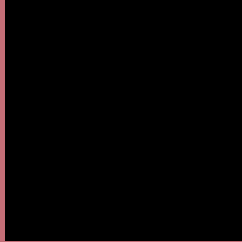
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2195, 0.4148, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 24.2195, 0.4148, 0.3172.



This preview shows how white text looks on a background with the Yxy color 24.2195, 0.4148, 0.3172.

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

24.2195, 0.4148, 0.3172

Protanopia

24.4829, 0.3204, 0.3341

Deuteranopia

24.2710, 0.3610, 0.3535



Tritanopia

24.1956, 0.4162, 0.3186

Trichromacy



Original Color

24.2195, 0.4148, 0.3172

Protanomaly

23.9276, 0.3530, 0.3275

Deuteranomaly

24.0848, 0.3814, 0.3399

Tritanomaly

24.1956, 0.4162, 0.3186

Monochromacy



Original Color

24.2195, 0.4148, 0.3172

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0596, 0.3467, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2195, 0.4148, 0.3172 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(196, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 119)  
}
```

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(196, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.2195, 0.4148, 0.3172 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(196, 110, 119) }
```

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

```
.border{ border-color:rgb(196, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2195, 0.4148, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 119) }
```

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

```
.background{ background-color: rgb(196,  
110, 119) }
```

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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