

Converting Colors

$Y_{xy}(24.2924, 0.4112, 0.3035)$

Have a look what the booklet for
Yxy(24.2924, 0.4112, 0.3035)
contains.

Yxy(24.3011, 0.4113, 0.3044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.3011, 0.4113, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	C86B7E
RGB	200, 107, 126
RGB Percent	78%, 42%, 49%
CMY	0.2158, 0.5803, 0.5059
CMYK	0.00, 0.46, 0.37, 0.22
HSL	348°, 46%, 60%
HSV	348°, 46%, 78%
XYZ	32.8352, 24.3011, 22.6965
YIQ	136.9730, 49.3290, 25.6250

Conversions

Conversions Part 2

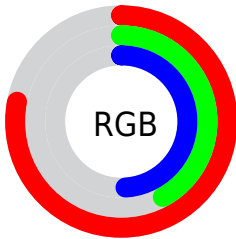
Format	Color
RYB	200, 107, 126
Decimal	13134718
CIELab	56.39, 38.82, 6.22
CIElCh	56, 39.314, 9.106
Yxy	24.3011, 0.4113, 0.3044
Android (android.graphics.Color)	4291324798 (0xFFC86B7E)
YUV	136.9730, -5.4097, 55.2747
Hunter-Lab	49.2961, 32.6272, 7.2096

Details

The Yxy color **24.3011, 0.4113, 0.3044** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.7551, 0.2618, 0.3567**, and the grayscale version is **25.0145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6563, 0.3858, 0.3092**, and **9.2038, 0.4493, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **20.2238, 0.4460, 0.3002**, and if you desaturate by 10%, it is **29.4104, 0.3818, 0.3096**.

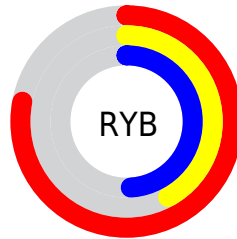
Distribution



Red (78%)

Green (42%)

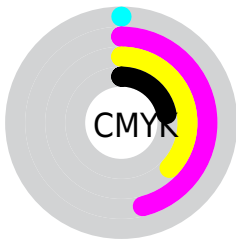
Blue (49%)



Red (78%)

Yellow (42%)

Blue (49%)

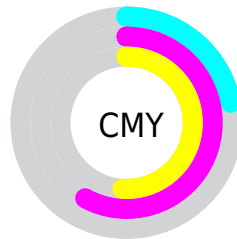


Cyan (0%)

Magenta (46%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3011, 0.4113, 0.3044 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 24.3011, 0.4113, 0.3044 by changing the saturation by 10% instead.


 24.3011, 0.4113,
0.3044


 24.3011, 0.4113,
0.3044


274.3392, 0.3564,
0.3189


 15.5571, 0.4271,
0.2999


 50.5211, 0.3899,
0.3103

 9.2113, 0.4488,
0.2934


 68.7659, 0.3823,
0.3123

 4.8793, 0.4802,
0.2835

 90.9465, 0.3761,
0.3140

 2.1766, 0.5294,
0.2668

 117.4472, 0.3708,
0.3153

 0.7072, 0.6438,
0.2417

148.6524, 0.3664,
0.3164

 0.0000, 1.0000,
0.0000


184.9466, 0.3626,


 0.0000, 0.0000,


0.3174


0.0000


226.7140, 0.3593,
0.3182


 24.3011, 0.4113,
0.3044


 24.3011, 0.4113,
0.3044


 20.2238, 0.4460,
0.3002


 29.4104, 0.3818,
0.3096


 17.1042, 0.4850,
0.2979


 35.6117, 0.3575,
0.3151


 14.8642, 0.5262,
0.2984

 42.9649, 0.3376,
0.3206


 13.4116, 0.5653,
0.3023

 51.5245, 0.3215,
0.3258

 12.6278, 0.5978,
0.3095

 61.3415, 0.3084,
0.3307

 12.4329, 0.6075,
0.3120

 72.4638, 0.2979,
0.3352

 84.9370, 0.2892,
0.3393

 90.9066, 0.2814,
0.3307

 91.0142, 0.2805,
0.3289

Harmonies

Analogous

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



24.3011, 0.3469, 0.2614



24.3011, 0.4113, 0.3044



24.3011, 0.4463, 0.3549

Triad

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



24.3011, 0.4113, 0.3044



24.3011, 0.3353, 0.4523



24.3011, 0.1977, 0.2387

Complementary

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



24.3011, 0.4113, 0.3044



47.7551, 0.2618, 0.3567

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.



24.3011, 0.1953, 0.2798



24.3011, 0.4113, 0.3044



24.3011, 0.2704, 0.4142

Square

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



24.3011, 0.4113, 0.3044



24.3011, 0.3975, 0.4443



24.3011, 0.2202, 0.3451



24.3011, 0.2260, 0.2241

Rectangle

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



24.3011, 0.4113, 0.3044



24.3011, 0.4463, 0.3891



24.3011, 0.2202, 0.3451



24.3011, 0.1940, 0.2494

Sweetspot

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



24.3023, 0.4113, 0.3044



77.6029, 0.3336, 0.3218



24.3729, 0.2962, 0.2095



15.9537, 0.3374, 0.3206



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.



24.3023, 0.4113, 0.3044



34.8257, 0.4472, 0.3001



30.2107, 0.4204, 0.3639



10.6718, 0.3258, 0.3243



7.9192, 0.6044, 0.3103



0.3857, 0.5460, 0.2782

Inverse Universe

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



24.3023, 0.4113, 0.3044



34.8257, 0.4472, 0.3001



37.4262, 0.2443, 0.2898



10.6718, 0.3258, 0.3243



7.9192, 0.6044, 0.3103



0.3857, 0.5460, 0.2782

Previews

White Background



This preview shows how the Yxy color 24.3011, 0.4113, 0.3044 looks on a white background.

Color Contrast Check

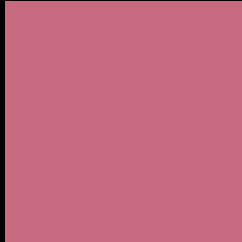
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3011, 0.4113, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

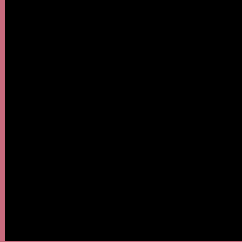
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3011, 0.4113, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 24.3011, 0.4113, 0.3044.



This preview shows how white text looks on a background with the Yxy color 24.3011, 0.4113, 0.3044.

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

24.3011, 0.4113, 0.3044

Protanopia

24.5152, 0.3066, 0.3172

Deuteranopia

24.5078, 0.3501, 0.3438



Tritanopia

24.3637, 0.4217, 0.3188

Trichromacy



Original Color

24.3011, 0.4113, 0.3044

Protanomaly

23.8157, 0.3413, 0.3117

Deuteranomaly

24.0071, 0.3730, 0.3277

Tritanomaly

24.2233, 0.4181, 0.3135

Monochromacy



Original Color

24.3011, 0.4113, 0.3044

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0887, 0.3458, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3011, 0.4113, 0.3044 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(200, 107, 126)` looks like.

```
.text, #text, p{  
    color:rgb(200, 107, 126)  
}
```

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(200, 107, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 107, 126) }
```

Border

The CSS property to change the border of an element to Yxy 24.3011, 0.4113, 0.3044 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(200, 107, 126) }
```

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

```
.border{ border-color:rgb(200, 107, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 107, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 107, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 107, 126);  
box-shadow:4px 4px 4px 4px rgb(200, 107,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3011, 0.4113, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 107, 126) }
```

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

```
.background{ background-color: rgb(200,  
107, 126) }
```

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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