

Converting Colors

$Y_{xy}(23.3391, 0.4146, 0.3136)$

Have a look what the booklet for
Yxy(23.3391, 0.4146, 0.3136)
contains.

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Color

Yxy(23.3166, 0.4140, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	C26B77
RGB	194, 107, 119
RGB Percent	76%, 42%, 47%
CMY	0.2393, 0.5803, 0.5334
CMYK	0.00, 0.45, 0.39, 0.24
HSL	352°, 42%, 59%
HSV	352°, 45%, 76%
XYZ	30.8306, 23.3166, 20.3229
YIQ	134.3810, 48.0000, 22.1760

Conversions

Conversions Part 2

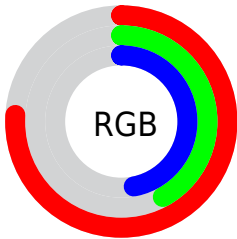
Format	Color
RYB	194, 107, 119
Decimal	12741495
CIELab	55.40, 35.80, 8.80
CIELCh	55, 36.866, 13.810
Yxy	23.3166, 0.4140, 0.3131
Android (android.graphics.Color)	4290931575 (0xFFC26B77)
YUV	134.3810, -7.5828, 52.2859
Hunter-Lab	48.2873, 29.4666, 8.8474

Details

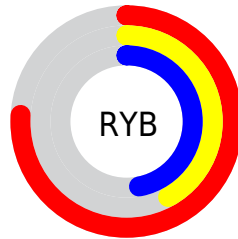
The Yxy color **23.3166, 0.4140, 0.3131** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.0791, 0.2599, 0.3466**, and the grayscale version is **24.0040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9645, 0.3919, 0.3176**, and **8.6996, 0.4520, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **19.3486, 0.4509, 0.3103**, and if you desaturate by 10%, it is **28.2650, 0.3828, 0.3166**.

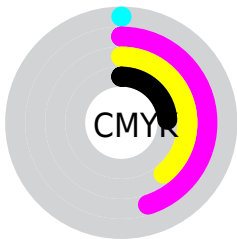
Distribution



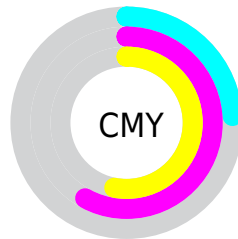
- Red (76%)
- Green (42%)
- Blue (47%)



- Red (76%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (39%)
- Black (24%)





- Cyan (24%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3166, 0.4140, 0.3131 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 23.3166, 0.4140, 0.3131 by changing the saturation by 10% instead.


 23.3166, 0.4140,
0.3131


 23.3166, 0.4140,
0.3131

269.3470, 0.3571,
0.3232


 14.8275, 0.4306,
0.3096


 48.9127, 0.3917,
0.3174


 8.6984, 0.4535,
0.3044


 66.7884, 0.3838,
0.3189

 4.5450, 0.4869,
0.2960

 88.5617, 0.3774,
0.3200

 1.9828, 0.5397,
0.2808

 114.6171, 0.3720,
0.3209

 0.5975, 0.7160,
0.2681

145.3389, 0.3674,
0.3216

 0.0000, 1.0000,
0.0000


181.1116, 0.3635,


 0.0000, 0.0000,


0.3223


0.0000

222.3195, 0.3601,
0.3228


 23.3166, 0.4140,
0.3131


 23.3166, 0.4140,
0.3131


 19.3486, 0.4509,
0.3103


 28.2650, 0.3828,
0.3166

 16.2923, 0.4925,
0.3088

 34.2493, 0.3572,
0.3203


 14.0758, 0.5362,
0.3093


 41.3252, 0.3364,
0.3239

 12.6149, 0.5772,
0.3123

 49.5434, 0.3196,
0.3274

 11.8076, 0.6096,
0.3177


 58.9513, 0.3061,
0.3306

 11.5442, 0.6225,
0.3203

 69.5936, 0.2951,
0.3336

 81.5129, 0.2863,
0.3363

 90.0667, 0.2784,
0.3312

 90.2065, 0.2773,
0.3289

Harmonies

Analogous

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



23.3166, 0.3559, 0.2701



23.3166, 0.4140, 0.3131



23.3166, 0.4414, 0.3622

Triad

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



23.3166, 0.4140, 0.3131



23.3166, 0.3247, 0.4430



23.3166, 0.2052, 0.2391

Complementary

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



23.3166, 0.4140, 0.3131



45.0791, 0.2599, 0.3466

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.



23.3166, 0.1990, 0.2747



23.3166, 0.4140, 0.3131



23.3166, 0.2638, 0.4005

Square

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



23.3166, 0.4140, 0.3131



23.3166, 0.3856, 0.4426



23.3166, 0.2190, 0.3339



23.3166, 0.2364, 0.2285

Rectangle

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



23.3166, 0.4140, 0.3131



23.3166, 0.4376, 0.3945



23.3166, 0.2190, 0.3339



23.3166, 0.2003, 0.2481

Sweetspot

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



23.3178, 0.4140, 0.3131



77.1625, 0.3334, 0.3245



24.2297, 0.3034, 0.2160



16.2105, 0.3376, 0.3237



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.



23.3178, 0.4140, 0.3131



35.0455, 0.4510, 0.3103



30.5497, 0.4111, 0.3704



10.1000, 0.3268, 0.3259



7.5991, 0.6201, 0.3190



0.3358, 0.5693, 0.2910

Inverse Universe

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



23.3178, 0.4140, 0.3131



35.0455, 0.4510, 0.3103



33.4089, 0.2450, 0.2823



10.1000, 0.3268, 0.3259



7.5991, 0.6201, 0.3190



0.3358, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 23.3166, 0.4140, 0.3131 looks on a white background.

Color Contrast Check

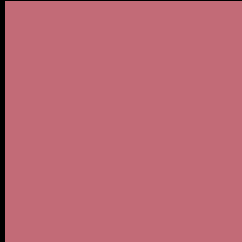
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3166, 0.4140, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

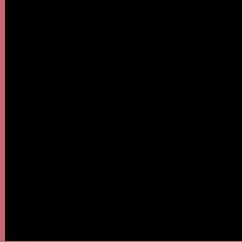
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3166, 0.4140, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 23.3166, 0.4140, 0.3131.



This preview shows how white text looks on a background with the Yxy color 23.3166, 0.4140, 0.3131.

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

23.3166, 0.4140, 0.3131

Protanopia

23.6194, 0.3150, 0.3290

Deuteranopia

23.3515, 0.3569, 0.3507



Tritanopia

23.4323, 0.4191, 0.3198

Trichromacy



Original Color

23.3166, 0.4140, 0.3131

Protanomaly

23.0417, 0.3475, 0.3226

Deuteranomaly

22.9094, 0.3778, 0.3354

Tritanomaly

23.4554, 0.4177, 0.3185

Monochromacy



Original Color

23.3166, 0.4140, 0.3131

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.0682, 0.3462, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3166, 0.4140, 0.3131 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(194, 107, 119)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 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(194, 107, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 119) }
```

Border

The CSS property to change the border of an element to Yxy 23.3166, 0.4140, 0.3131 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(194, 107, 119) }
```

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

```
.border{ border-color:rgb(194, 107, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 107, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 119);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3166, 0.4140, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 119) }
```

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

```
.background{ background-color: rgb(194,  
107, 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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