

Converting Colors

$Y_{xy}(23.3153, 0.4299, 0.3334)$

Have a look what the booklet for
Yxy(23.3153, 0.4299, 0.3334)
contains.

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Color

Yxy(23.3153, 0.4299, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	C16D6A
RGB	193, 109, 106
RGB Percent	76%, 43%, 42%
CMY	0.2431, 0.5725, 0.5843
CMYK	0.00, 0.44, 0.45, 0.24
HSL	2°, 41%, 59%
HSV	2°, 45%, 76%
XYZ	30.0637, 23.3153, 16.5529
YIQ	133.7740, 51.0270, 16.8750

Conversions

Conversions Part 2

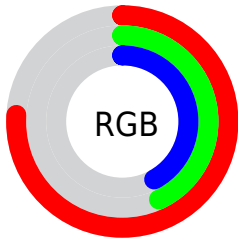
Format	Color
RYB	193, 109, 106
Decimal	12676458
CIELab	55.40, 32.93, 16.35
CIElCh	55, 36.771, 26.408
Yxy	23.3153, 0.4299, 0.3334
Android (android.graphics.Color)	4290866538 (0xFFC16D6A)
YUV	133.7740, -13.6926, 51.9412
Hunter-Lab	48.2859, 26.6371, 13.4750

Details

The Yxy color **23.3153, 0.4299, 0.3334** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.7464, 0.2520, 0.3244**, and the grayscale version is **23.7907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9704, 0.4042, 0.3346**, and **8.6779, 0.4749, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **19.3956, 0.4719, 0.3342**, and if you desaturate by 10%, it is **28.1706, 0.3940, 0.3324**.

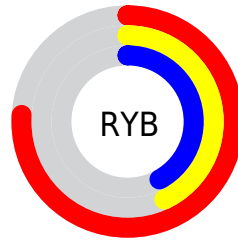
Distribution



Red (76%)

Green (43%)

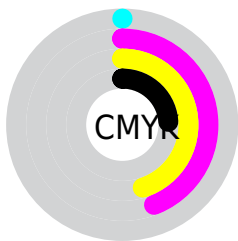
Blue (42%)



Red (76%)

Yellow (43%)

Blue (42%)

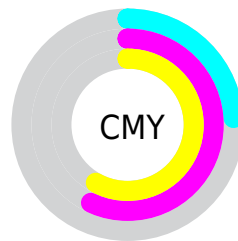


Cyan (0%)

Magenta (44%)

Yellow (45%)

Black (24%)



Cyan (24%)


Magenta (57%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3153, 0.4299, 0.3334 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 23.3153, 0.4299, 0.3334 by changing the saturation by 10% instead.


 23.3153, 0.4299,
0.3334


 23.3153, 0.4299,
0.3334


269.3403, 0.3640,
0.3333


 14.8265, 0.4490,
0.3323


 48.9105, 0.4040,
0.3341


 8.6977, 0.4753,
0.3299


 66.7857, 0.3949,
0.3341

 4.5445, 0.5132,
0.3248

 88.5586, 0.3874,
0.3341

 1.9826, 0.5734,
0.3138

 114.6134, 0.3812,
0.3339

 0.5973, 0.7139,
0.2861

145.3345, 0.3759,
0.3338

 0.0000, 1.0000,
0.0000

181.1065, 0.3714,

 0.0000, 0.0000,

0.3337

0.0000

222.3136, 0.3674,
0.3335

■ 23.3153, 0.4299,
0.3334

■ 23.3153, 0.4299,
0.3334

■ 19.3956, 0.4719,
0.3342

■ 28.1706, 0.3940,
0.3324

■ 16.3481, 0.5182,
0.3346

■ 34.0126, 0.3644,
0.3314

■ 14.1071, 0.5643,
0.3344


■ 40.8928, 0.3404,
0.3304


■ 12.5963, 0.6035,
0.3335

■ 48.8582, 0.3210,
0.3295

■ 11.7243, 0.6294,
0.3320

■ 57.9530, 0.3055,
0.3286

 11.4824, 0.6377,
0.3318

 68.2186, 0.2929,
0.3278

 79.6947, 0.2827,
0.3271

 90.0782, 0.2768,
0.3289

Harmonies

Analogous

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



23.3153, 0.3825, 0.2870



23.3153, 0.4299, 0.3334



23.3153, 0.4407, 0.3827

Triad

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



23.3153, 0.4299, 0.3334



23.3153, 0.2982, 0.4297



23.3153, 0.2156, 0.2320

Complementary

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



23.3153, 0.4299, 0.3334



43.7464, 0.2520, 0.3244

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.



23.3153, 0.1988, 0.2568



23.3153, 0.4299, 0.3334



23.3153, 0.2425, 0.3734

Square

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



23.3153, 0.4299, 0.3334



23.3153, 0.3611, 0.4475



23.3153, 0.2076, 0.3068



23.3153, 0.2565, 0.2311

Rectangle

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



23.3153, 0.4299, 0.3334



23.3153, 0.4264, 0.4129



23.3153, 0.2076, 0.3068



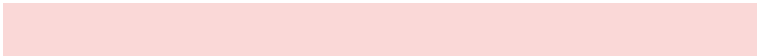
23.3153, 0.2072, 0.2374

Sweetspot

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



23.3165, 0.4299, 0.3334



74.3799, 0.3385, 0.3303



25.3698, 0.3210, 0.2234



15.3392, 0.3432, 0.3305



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.



23.3165, 0.4299, 0.3334



34.8792, 0.4709, 0.3342



34.9673, 0.4017, 0.3913



10.1322, 0.3288, 0.3298



7.6608, 0.6371, 0.3323



0.3506, 0.6264, 0.3408

Inverse Universe

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



43.7464, 0.2520, 0.3244



75.9962, 0.2426, 0.3233



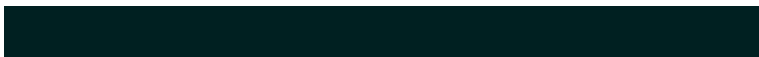
27.6601, 0.2401, 0.2560



11.3670, 0.2984, 0.3282



26.0432, 0.2218, 0.3183



1.1441, 0.2225, 0.3208

Previews

White Background



This preview shows how the Yxy color 23.3153, 0.4299, 0.3334 looks on a white background.

Color Contrast Check

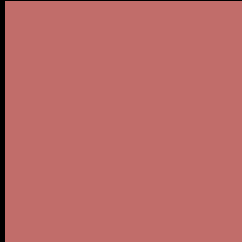
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3153, 0.4299, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

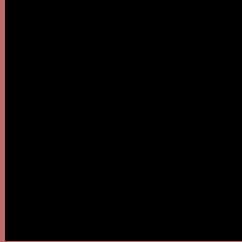
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3153, 0.4299, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 23.3153, 0.4299, 0.3334.



This preview shows how white text looks on a background with the Yxy color 23.3153, 0.4299, 0.3334.

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

23.3153, 0.4299, 0.3334

Protanopia

23.5720, 0.3360, 0.3550

Deuteranopia

23.4855, 0.3762, 0.3700



Tritanopia

23.4323, 0.4191, 0.3198

Trichromacy



Original Color

23.3153, 0.4299, 0.3334

Protanomaly

23.0011, 0.3685, 0.3453

Deuteranomaly

23.1092, 0.3953, 0.3555

Tritanomaly

23.3643, 0.4233, 0.3239

Monochromacy



Original Color

23.3153, 0.4299, 0.3334

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.0910, 0.3508, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3153, 0.4299, 0.3334 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(193, 109, 106)` looks like.

```
.text, #text, p{  
    color:rgb(193, 109, 106)  
}
```

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(193, 109, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 109, 106) }
```

Border

The CSS property to change the border of an element to Yxy 23.3153, 0.4299, 0.3334 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(193, 109, 106) }
```

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

```
.border{ border-color:rgb(193, 109, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 109, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 109, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 109, 106);  
box-shadow:4px 4px 4px 4px rgb(193, 109,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3153, 0.4299, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 109, 106) }
```

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

```
.background{ background-color: rgb(193,  
109, 106) }
```

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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