

Converting Colors

$Y_{xy}(23.2289, 0.4176, 0.3180)$

Have a look what the booklet for
Yxy(23.2289, 0.4176, 0.3180)
contains.

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Color

Yxy(23.1138, 0.4171, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	C16B74
RGB	193, 107, 116
RGB Percent	76%, 42%, 45%
CMY	0.2431, 0.5804, 0.5452
CMYK	0.00, 0.45, 0.40, 0.24
HSL	354°, 41%, 59%
HSV	354°, 45%, 76%
XYZ	30.4029, 23.1138, 19.3745
YIQ	133.7400, 48.3670, 21.0310

Conversions

Conversions Part 2

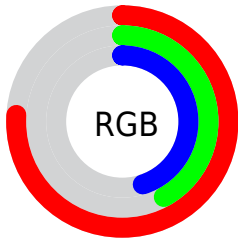
Format	Color
R_{YB}	193, 107, 116
Decimal	12675956
CIE Lab	55.19, 35.10, 10.25
CIE LCh	55, 36.565, 16.277
Yxy	23.1138, 0.4171, 0.3171
Android (android.graphics.Color)	4290866036 (0xFFC16B74)
YUV	133.7400, -8.7458, 51.9710
Hunter-Lab	48.0768, 28.7458, 9.7605

Details

The Yxy color **23.1138, 0.4171, 0.3171** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.7319, 0.2585, 0.3421**, and the grayscale version is **23.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6642, 0.3940, 0.3207**, and **8.5779, 0.4571, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **19.1641, 0.4553, 0.3151**, and if you desaturate by 10%, it is **28.0388, 0.3848, 0.3197**.

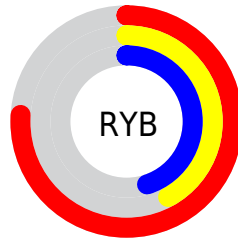
Distribution



Red (76%)

Green (42%)

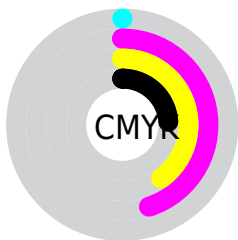
Blue (45%)



Red (76%)

Yellow (42%)

Blue (45%)

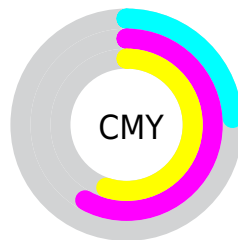


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1138, 0.4171, 0.3171 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 23.1138, 0.4171, 0.3171 by changing the saturation by 10% instead.


 23.1138, 0.4171,
0.3171


 23.1138, 0.4171,
0.3171


268.3090, 0.3584,
0.3252


 14.6776, 0.4343,
0.3141


 48.5801, 0.3940,
0.3207


 8.5934, 0.4579,
0.3094


 66.3790, 0.3859,
0.3219

 4.4769, 0.4926,
0.3016

 88.0675, 0.3792,
0.3228

 1.9438, 0.5472,
0.2871

 114.0301, 0.3737,
0.3235

 0.5745, 0.7279,
0.2721

144.6512, 0.3690,
0.3240

 0.0000, 1.0000,
0.0000

180.3150, 0.3649,

 0.0000, 0.0000,

0.3245

0.0000

221.4062, 0.3614,
0.3249

■ 23.1138, 0.4171,
0.3171

■ 23.1138, 0.4171,
0.3171

■ 19.1641, 0.4553,
0.3151

■ 28.0388, 0.3848,
0.3197

■ 16.1216, 0.4984,
0.3140

■ 33.9944, 0.3582,
0.3225

■ 13.9151, 0.5432,
0.3146


■ 41.0358, 0.3367,
0.3252


■ 12.4609, 0.5845,
0.3171


■ 49.2134, 0.3194,
0.3279


■ 11.6580, 0.6159,
0.3215


■ 58.5742, 0.3055,
0.3303

 11.3896, 0.6282,
0.3235

 69.1628, 0.2943,
0.3325

 81.0213, 0.2852,
0.3345

 90.0319, 0.2771,
0.3297

 90.0786, 0.2768,
0.3289

Harmonies

Analogous

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



23.1138, 0.3611, 0.2735



23.1138, 0.4171, 0.3171



23.1138, 0.4412, 0.3661

Triad

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



23.1138, 0.4171, 0.3171



23.1138, 0.3195, 0.4404



23.1138, 0.2073, 0.2377

Complementary

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



23.1138, 0.4171, 0.3171



44.7319, 0.2585, 0.3421

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.



23.1138, 0.1991, 0.2711



23.1138, 0.4171, 0.3171



23.1138, 0.2596, 0.3951

Square

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



23.1138, 0.4171, 0.3171



23.1138, 0.3807, 0.4435



23.1138, 0.2168, 0.3284



23.1138, 0.2403, 0.2291

Rectangle

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



23.1138, 0.4171, 0.3171



23.1138, 0.4353, 0.3980



23.1138, 0.2168, 0.3284



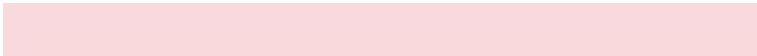
23.1138, 0.2018, 0.2460

Sweetspot

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



23.1150, 0.4171, 0.3171



75.3544, 0.3342, 0.3256



24.4308, 0.3067, 0.2177



15.5133, 0.3384, 0.3250



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.



23.1150, 0.4171, 0.3171



34.7800, 0.4524, 0.3152



31.1481, 0.4084, 0.3739



10.0946, 0.3273, 0.3266



7.5805, 0.6263, 0.3224



0.3334, 0.5845, 0.2994

Inverse Universe

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



23.1150, 0.4171, 0.3171



34.7800, 0.4524, 0.3152



32.1320, 0.2446, 0.2780



10.0946, 0.3273, 0.3266



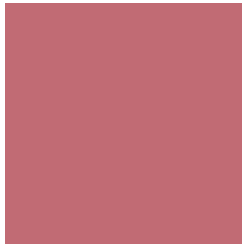
7.5805, 0.6263, 0.3224



0.3334, 0.5845, 0.2994

Previews

White Background



This preview shows how the Yxy color 23.1138, 0.4171, 0.3171 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 23.1138, 0.4171, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

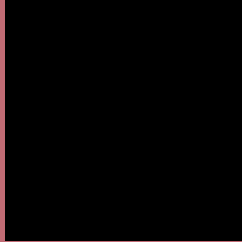
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1138, 0.4171, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 23.1138, 0.4171, 0.3171.



This preview shows how white text looks on a background with the Yxy color 23.1138, 0.4171, 0.3171.

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

23.1138, 0.4171, 0.3171

Protanopia

23.3217, 0.3205, 0.3342

Deuteranopia

23.3805, 0.3617, 0.3556



Tritanopia

23.0907, 0.4185, 0.3184

Trichromacy



Original Color

23.1138, 0.4171, 0.3171

Protanomaly

22.7893, 0.3539, 0.3275

Deuteranomaly

22.9500, 0.3830, 0.3401

Tritanomaly

23.0907, 0.4185, 0.3184

Monochromacy



Original Color

23.1138, 0.4171, 0.3171

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9162, 0.3474, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1138, 0.4171, 0.3171 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, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 107, 116)  
}
```

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, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 107, 116) }
```

Border

The CSS property to change the border of an element to Yxy 23.1138, 0.4171, 0.3171 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, 107, 116) }
```

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

```
.border{ border-color:rgb(193, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 107,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1138, 0.4171, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 107, 116) }
```

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

```
.background{ background-color: rgb(193,  
107, 116) }
```

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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