

Converting Colors

$Y_{xy}(23.2720, 0.4371, 0.3190)$

Have a look what the booklet for
Yxy(23.2720, 0.4371, 0.3190)
contains.

Yxy(23.2657, 0.4362, 0.3190)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.2657, 0.4362, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	C9676F
RGB	201, 103, 111
RGB Percent	79%, 40%, 44%
CMY	0.2116, 0.5961, 0.5647
CMYK	0.00, 0.49, 0.45, 0.21
HSL	355°, 48%, 60%
HSV	355°, 49%, 79%
XYZ	31.8135, 23.2657, 17.8541
YIQ	133.2140, 55.8400, 23.2640

Conversions

Conversions Part 2

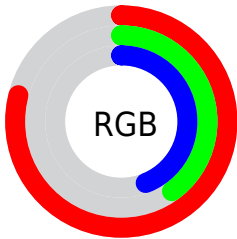
Format	Color
RYB	201, 103, 111
Decimal	13199215
CIELab	55.34, 39.64, 13.54
CIELCh	55, 41.886, 18.860
Yxy	23.2657, 0.4362, 0.3190
Android (android.graphics.Color)	4291389295 (0xFFC9676F)
YUV	133.2140, -10.9515, 59.4483
Hunter-Lab	48.2345, 33.3207, 11.8179

Details

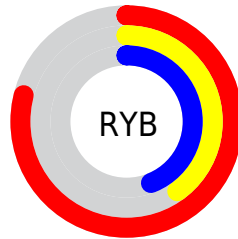
The Yxy color **23.2657, 0.4362, 0.3190** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.5215, 0.2533, 0.3404**, and the grayscale version is **23.5625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6813, 0.4033, 0.3219**, and **8.6658, 0.4822, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **19.3724, 0.4779, 0.3178**, and if you desaturate by 10%, it is **28.2066, 0.4002, 0.3209**.

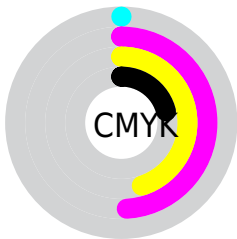
Distribution



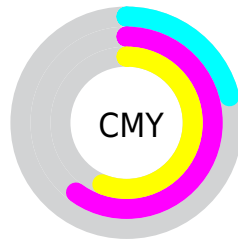
- Red (79%)
- Green (40%)
- Blue (44%)



- Red (79%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (45%)
- Black (21%)





- Cyan (21%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2657, 0.4362, 0.3190 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 23.2657, 0.4362, 0.3190 by changing the saturation by 10% instead.


 23.2657, 0.4362,
0.3190

 23.2657, 0.4362,
0.3190


269.0868, 0.3668,
0.3268


 14.7898, 0.4563,
0.3157


 48.8292, 0.4090,
0.3227


 8.6720, 0.4839,
0.3106


 66.6857, 0.3994,
0.3238

 4.5279, 0.5237,
0.3017

 88.4378, 0.3915,
0.3246

 1.9730, 0.5852,
0.2846

 114.4699, 0.3849,
0.3253

 0.5917, 0.7456,
0.2544

145.1665, 0.3794,
0.3258

 0.0000, 1.0000,
0.0000

180.9119, 0.3746,

 0.0000, 0.0000,

0.3262

0.0000

222.0905, 0.3704,
0.3265

■ 23.2657, 0.4362,
0.3190

■ 23.2657, 0.4362,
0.3190

■ 19.3724, 0.4779,
0.3178

■ 28.2066, 0.4002,
0.3209

■ 16.4479, 0.5233,
0.3176

■ 34.2595, 0.3704,
0.3230

■ 14.4080, 0.5677,
0.3189


■ 41.4876, 0.3461,
0.3252


■ 13.1525, 0.6049,
0.3217

■ 49.9485, 0.3266,
0.3273


■ 12.5215, 0.6295,
0.3252

■ 59.6960, 0.3110,
0.3292

 12.4607, 0.6318,
0.3254

 70.7806, 0.2984,
0.3310

 83.2503, 0.2882,
0.3327

 91.1619, 0.2811,
0.3289

Harmonies

Analogous

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



23.2657, 0.3740, 0.2701



23.2657, 0.4362, 0.3190



23.2657, 0.4593, 0.3735

Triad

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



23.2657, 0.4362, 0.3190



23.2657, 0.3129, 0.4554



23.2657, 0.1966, 0.2241

Complementary

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



23.2657, 0.4362, 0.3190



48.5215, 0.2533, 0.3404

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.



23.2657, 0.1850, 0.2579



23.2657, 0.4362, 0.3190



23.2657, 0.2467, 0.3991

Square

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



23.2657, 0.4362, 0.3190



23.2657, 0.3828, 0.4610



23.2657, 0.2015, 0.3207



23.2657, 0.2352, 0.2175

Rectangle

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



23.2657, 0.4362, 0.3190



23.2657, 0.4492, 0.4092



23.2657, 0.2015, 0.3207



23.2657, 0.1897, 0.2321

Sweetspot

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



23.2669, 0.4362, 0.3190



75.9178, 0.3387, 0.3259



25.2349, 0.3093, 0.2090



15.6118, 0.3431, 0.3255



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.



23.2669, 0.4362, 0.3190



32.5528, 0.4826, 0.3177



33.2980, 0.4189, 0.3822



10.6508, 0.3277, 0.3271



7.8376, 0.6299, 0.3244



0.3761, 0.5975, 0.3065

Inverse Universe

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



23.2669, 0.4362, 0.3190



32.5528, 0.4826, 0.3177



32.3046, 0.2374, 0.2669



10.6508, 0.3277, 0.3271



7.8376, 0.6299, 0.3244



0.3761, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 23.2657, 0.4362, 0.3190 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 23.2657, 0.4362, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

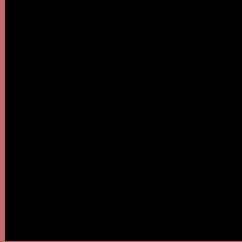
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2657, 0.4362, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 23.2657, 0.4362, 0.3190.



This preview shows how white text looks on a background with the Yxy color 23.2657, 0.4362, 0.3190.

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

23.2657, 0.4362, 0.3190

Protanopia

23.5998, 0.3248, 0.3411

Deuteranopia

23.4684, 0.3702, 0.3636



Tritanopia

23.2438, 0.4376, 0.3203

Trichromacy



Original Color

23.2657, 0.4362, 0.3190

Protanomaly

22.7731, 0.3618, 0.3307

Deuteranomaly

23.0470, 0.3951, 0.3460

Tritanomaly

23.2438, 0.4376, 0.3203

Monochromacy



Original Color

23.2657, 0.4362, 0.3190

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6688, 0.3542, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2657, 0.4362, 0.3190 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(201, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(201, 103, 111)  
}
```

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(201, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 103, 111) }
```

Border

The CSS property to change the border of an element to Yxy 23.2657, 0.4362, 0.3190 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(201, 103, 111) }
```

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

```
.border{ border-color:rgb(201, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(201, 103,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2657, 0.4362, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 103, 111) }
```

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

```
.background{ background-color: rgb(201,  
103, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor