

Converting Colors

$Y_{xy}(23.7312, 0.4303, 0.3167)$

Have a look what the booklet for
Yxy(23.7312, 0.4303, 0.3167)
contains.

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Color

Yxy(23.7585, 0.4292, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	C96973
RGB	201, 105, 115
RGB Percent	79%, 41%, 45%
CMY	0.2118, 0.5881, 0.5491
CMYK	0.00, 0.48, 0.43, 0.21
HSL	354°, 47%, 60%
HSV	354°, 48%, 79%
XYZ	32.2287, 23.7585, 19.1029
YIQ	134.8440, 54.0060, 23.4620

Conversions

Conversions Part 2

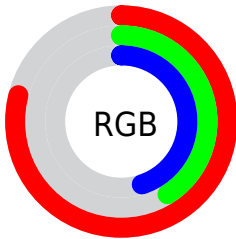
Format	Color
R_{YB}	201, 105, 115
Decimal	13199731
CIE Lab	55.85, 38.98, 11.91
CIE LCh	56, 40.762, 16.985
Yxy	23.7585, 0.4292, 0.3164
Android (android.graphics.Color)	4291389811 (0xFFC96973)
YUV	134.8440, -9.7831, 58.0188
Hunter-Lab	48.7427, 32.7245, 10.8833

Details

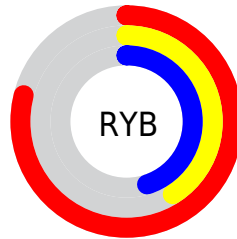
The Yxy color **23.7585, 0.4292, 0.3164** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.5301, 0.2554, 0.3432**, and the grayscale version is **24.1912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5037, 0.3985, 0.3198**, and **8.8832, 0.4735, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **19.7623, 0.4694, 0.3146**, and if you desaturate by 10%, it is **28.8056, 0.3948, 0.3189**.

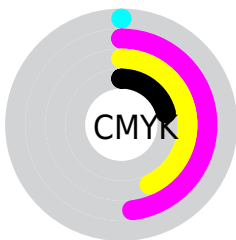
Distribution



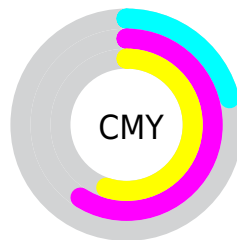
- Red (79%)
- Green (41%)
- Blue (45%)



- Red (79%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (21%)




- Cyan (21%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7585, 0.4292, 0.3164 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 23.7585, 0.4292, 0.3164 by changing the saturation by 10% instead.


 23.7585, 0.4292,
0.3164


 23.7585, 0.4292,
0.3164


271.5973, 0.3640,
0.3253


 15.1546, 0.4481,
0.3130


 49.6358, 0.4037,
0.3204


 8.9279, 0.4739,
0.3078


 67.6780, 0.3946,
0.3217

 4.6942, 0.5113,
0.2991

 89.6351, 0.3872,
0.3226

 2.0690, 0.5692,
0.2829

 115.8914, 0.3810,
0.3234

 0.6471, 0.7350,
0.2650

146.8314, 0.3758,
0.3240

 0.0000, 1.0000,
0.0000

182.8394, 0.3713,

 0.0000, 0.0000,

0.3245

0.0000

224.2999, 0.3674,
0.3249

■ 23.7585, 0.4292,
0.3164

■ 23.7585, 0.4292,
0.3164

■ 19.7623, 0.4694,
0.3146

■ 28.8056, 0.3948,
0.3189

■ 16.7393, 0.5136,
0.3141

■ 34.9666, 0.3663,
0.3216

■ 14.6071, 0.5580,
0.3153


■ 42.3041, 0.3432,
0.3244


■ 13.2681, 0.5967,
0.3185

■ 50.8749, 0.3246,
0.3271


■ 12.5829, 0.6240,
0.3230

■ 60.7320, 0.3096,
0.3295

 12.4682, 0.6287,
0.3237

 71.9255, 0.2976,
0.3318

 84.5026, 0.2878,
0.3339

 91.1545, 0.2811,
0.3289

Harmonies

Analogous

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



23.7585, 0.3675, 0.2692



23.7585, 0.4292, 0.3164



23.7585, 0.4544, 0.3694

Triad

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



23.7585, 0.4292, 0.3164



23.7585, 0.3175, 0.4526



23.7585, 0.1984, 0.2285

Complementary

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



23.7585, 0.4292, 0.3164



48.5301, 0.2554, 0.3432

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.



23.7585, 0.1888, 0.2635



23.7585, 0.4292, 0.3164



23.7585, 0.2525, 0.4010

Square

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



23.7585, 0.4292, 0.3164



23.7585, 0.3849, 0.4555



23.7585, 0.2069, 0.3259



23.7585, 0.2345, 0.2203

Rectangle

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



23.7585, 0.4292, 0.3164



23.7585, 0.4466, 0.4042



23.7585, 0.2069, 0.3259



23.7585, 0.1923, 0.2370

Sweetspot

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



23.7597, 0.4292, 0.3164



77.4078, 0.3361, 0.3253



25.2430, 0.3060, 0.2100



15.9069, 0.3404, 0.3248



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.



23.7597, 0.4292, 0.3164



33.8106, 0.4696, 0.3146



32.7231, 0.4181, 0.3771



10.6545, 0.3273, 0.3266



7.8480, 0.6265, 0.3225



0.3778, 0.5872, 0.3009

Inverse Universe

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



23.7597, 0.4292, 0.3164



33.8106, 0.4696, 0.3146



33.8415, 0.2399, 0.2735



10.6545, 0.3273, 0.3266



7.8480, 0.6265, 0.3225



0.3778, 0.5872, 0.3009

Previews

White Background



This preview shows how the Yxy color 23.7585, 0.4292, 0.3164 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 23.7585, 0.4292, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

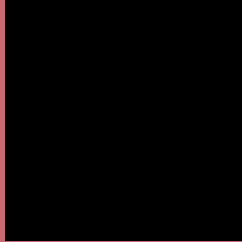
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7585, 0.4292, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 23.7585, 0.4292, 0.3164.



This preview shows how white text looks on a background with the Yxy color 23.7585, 0.4292, 0.3164.

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

23.7585, 0.4292, 0.3164

Protanopia

24.0652, 0.3215, 0.3359

Deuteranopia

23.8168, 0.3649, 0.3586



Tritanopia

23.7129, 0.4321, 0.3190

Trichromacy



Original Color

23.7585, 0.4292, 0.3164

Protanomaly

23.2237, 0.3577, 0.3260

Deuteranomaly

23.3734, 0.3893, 0.3414

Tritanomaly

23.7356, 0.4306, 0.3177

Monochromacy



Original Color

23.7585, 0.4292, 0.3164

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.3447, 0.3512, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7585, 0.4292, 0.3164 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, 105, 115)` looks like.

```
.text, #text, p{
  color:rgb(201, 105, 115)
}
```

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, 105, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 115) }
```

Border

The CSS property to change the border of an element to Yxy 23.7585, 0.4292, 0.3164 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, 105, 115) }
```

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

```
.border{ border-color:rgb(201, 105, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 115);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7585, 0.4292, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 115) }
```

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

```
.background{ background-color: rgb(201,  
105, 115) }
```

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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