

Converting Colors

$Y_{xy}(20.1009, 0.4588, 0.3242)$

Have a look what the booklet for
Yxy(20.1009, 0.4588, 0.3242)
contains.

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Color

Yxy(20.1009, 0.4588, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	C35C60
RGB	195, 92, 96
RGB Percent	76%, 36%, 38%
CMY	0.2353, 0.6392, 0.6234
CMYK	0.00, 0.53, 0.51, 0.24
HSL	358°, 46%, 56%
HSV	358°, 53%, 76%
XYZ	28.4463, 20.1009, 13.4543
YIQ	123.2530, 60.1040, 23.0800

Conversions

Conversions Part 2

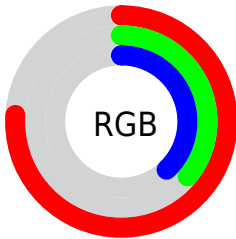
Format	Color
RYB	195, 92, 96
Decimal	12803168
CIELab	51.95, 41.56, 17.54
CIELCh	52, 45.108, 22.883
Yxy	20.1009, 0.4588, 0.3242
Android (android.graphics.Color)	4290993248 (0xFFC35C60)
YUV	123.2530, -13.4357, 62.9221
Hunter-Lab	44.8340, 34.7952, 13.5914

Details

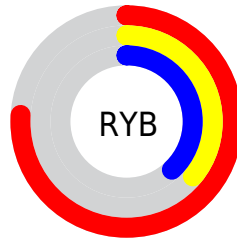
The Yxy color **20.1009, 0.4588, 0.3242** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **45.0681, 0.2476, 0.3348**, and the grayscale version is **19.9266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5861, 0.4260, 0.3283**, and **7.0662, 0.5182, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **16.8422, 0.5040, 0.3239**, and if you desaturate by 10%, it is **24.3134, 0.4186, 0.3249**.

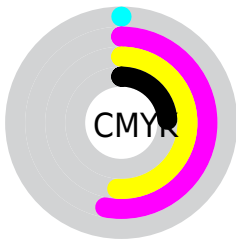
Distribution



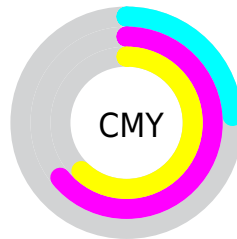
- Red (76%)
- Green (36%)
- Blue (38%)



- Red (76%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (51%)
- Black (24%)





- Cyan (24%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1009, 0.4588, 0.3242 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 20.1009, 0.4588, 0.3242 by changing the saturation by 10% instead.


 20.1009, 0.4588,
0.3242


 20.1009, 0.4588,
0.3242


252.4608, 0.3751,
0.3304


 12.4684, 0.4836,
0.3207


 43.5863, 0.4255,
0.3277


 7.0635, 0.5180,
0.3145


 60.2080, 0.4139,
0.3286

 3.5019, 0.5678,
0.3029

 80.5948, 0.4044,
0.3292

 1.3990, 0.6672,
0.2886

 105.1313, 0.3966,
0.3296

 0.2160, 0.8555,
0.1445

134.2017, 0.3899,
0.3299

 0.0000, 1.0000,
0.0000

168.1905, 0.3843,

 0.0000, 0.0000,

0.3301

0.0000

207.4821, 0.3794,
0.3303

■ 20.1009, 0.4588,
0.3242

■ 20.1009, 0.4588,
0.3242

■ 16.8422, 0.5040,
0.3239

■ 24.3134, 0.4186,
0.3249

■ 14.4600, 0.5507,
0.3243

■ 29.5428, 0.3848,
0.3258

■ 12.8703, 0.5927,
0.3254

■ 35.8504, 0.3572,
0.3268

■ 11.9712, 0.6231,
0.3271

■ 43.2920, 0.3349,
0.3278

■ 11.6195, 0.6362,
0.3278

■ 51.9193, 0.3171,
0.3287

■ 61.7810, 0.3028,
0.3296

■ 72.9230, 0.2913,
0.3304

■ 85.3887, 0.2819,
0.3311

■ 90.3428, 0.2778,
0.3289

Harmonies

Analogous

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



20.1009, 0.3927, 0.2697



20.1009, 0.4588, 0.3242



20.1009, 0.4767, 0.3841

Triad

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



20.1009, 0.4588, 0.3242



20.1009, 0.3006, 0.4686



20.1009, 0.1880, 0.2096

Complementary

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



20.1009, 0.4588, 0.3242



45.0681, 0.2476, 0.3348

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.



20.1009, 0.1713, 0.2415



20.1009, 0.4588, 0.3242



20.1009, 0.2295, 0.3971

Square

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



20.1009, 0.4588, 0.3242



20.1009, 0.3793, 0.4802



20.1009, 0.1845, 0.3072



20.1009, 0.2339, 0.2067

Rectangle

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



20.1009, 0.4588, 0.3242



20.1009, 0.4599, 0.4236



20.1009, 0.1845, 0.3072



20.1009, 0.1792, 0.2167

Sweetspot

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



20.1020, 0.4588, 0.3242



72.7322, 0.3420, 0.3275



22.5229, 0.3127, 0.2019



15.3098, 0.3466, 0.3273



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.



20.1020, 0.4588, 0.3242



29.5928, 0.5094, 0.3239



30.6535, 0.4277, 0.3905



10.0841, 0.3283, 0.3281



7.5545, 0.6352, 0.3273



0.3287, 0.6176, 0.3176

Inverse Universe

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



20.1020, 0.4588, 0.3242



29.5928, 0.5094, 0.3239



27.6006, 0.2307, 0.2551



10.0841, 0.3283, 0.3281



7.5545, 0.6352, 0.3273



0.3287, 0.6176, 0.3176

Previews

White Background



This preview shows how the Yxy color 20.1009, 0.4588, 0.3242 looks on a white background.

Color Contrast Check

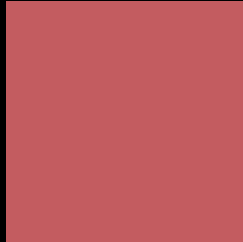
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1009, 0.4588, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

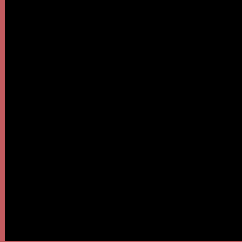
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1009, 0.4588, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 20.1009, 0.4588, 0.3242.



This preview shows how white text looks on a background with the Yxy color 20.1009, 0.4588, 0.3242.

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

20.1009, 0.4588, 0.3242

Protanopia

20.3088, 0.3352, 0.3530

Deuteranopia

20.1520, 0.3844, 0.3776



Tritanopia

20.1382, 0.4558, 0.3216

Trichromacy



Original Color

20.1009, 0.4588, 0.3242

Protanomaly

19.4990, 0.3779, 0.3393

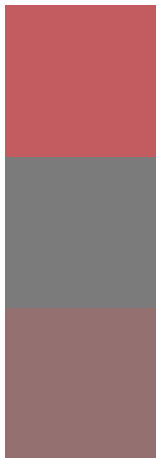
Deuteranomaly

19.6201, 0.4113, 0.3547

Tritanomaly

20.1195, 0.4573, 0.3229

Monochromacy



Original Color

20.1009, 0.4588, 0.3242

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1702, 0.3616, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1009, 0.4588, 0.3242 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(195, 92, 96)` looks like.

```
.text, #text, p{  
    color:rgb(195, 92, 96)  
}
```

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(195, 92, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 92, 96) }
```

Border

The CSS property to change the border of an element to Yxy 20.1009, 0.4588, 0.3242 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(195, 92, 96) }
```

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

```
.border{ border-color:rgb(195, 92, 96) }
```

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

Here you see how a box with a 4 pixel rgb(195, 92, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 92, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 92, 96);  
box-shadow:4px 4px 4px 4px rgb(195, 92,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1009, 0.4588, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 92, 96) }
```

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

```
.background{ background-color: rgb(195, 92,  
96) }
```

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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