

Converting Colors

$Yxy(20.4287, 0.4746, 0.3156)$

Have a look what the booklet for
Yxy(20.4287, 0.4746, 0.3156)
contains.

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Color

Yxy(20.3392, 0.4738, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	CD5561
RGB	205, 85, 97
RGB Percent	80%, 33%, 38%
CMY	0.1961, 0.6666, 0.6196
CMYK	0.00, 0.59, 0.53, 0.20
HSL	354°, 55%, 57%
HSV	354°, 59%, 80%
XYZ	30.5830, 20.3392, 13.6262
YIQ	122.2480, 67.6680, 29.1720

Conversions

Conversions Part 2

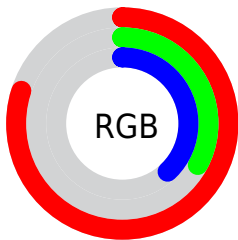
Format	Color
RYB	205, 85, 97
Decimal	13456737
CIELab	52.22, 48.58, 17.58
CIElCh	52, 51.661, 19.894
Yxy	20.3392, 0.4738, 0.3151
Android (android.graphics.Color)	4291646817 (0xFFCD5561)
YUV	122.2480, -12.4473, 72.5735
Hunter-Lab	45.0990, 42.1231, 13.6555

Details

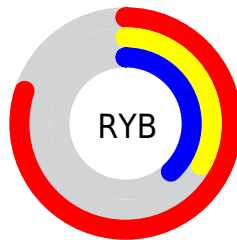
The Yxy color **20.3392, 0.4738, 0.3151** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **49.4431, 0.2465, 0.3463**, and the grayscale version is **19.5736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8318, 0.4277, 0.3210**, and **7.2287, 0.5379, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **17.2613, 0.5185, 0.3147**, and if you desaturate by 10%, it is **24.4341, 0.4329, 0.3167**.

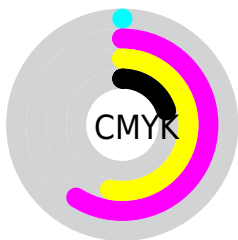
Distribution



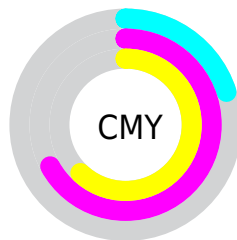
- Red (80%)
- Green (33%)
- Blue (38%)



- Red (80%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (53%)
- Black (20%)





- Cyan (20%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3392, 0.4738, 0.3151 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 20.3392, 0.4738, 0.3151 by changing the saturation by 10% instead.


 20.3392, 0.4738,
0.3151


 20.3392, 0.4738,
0.3151


253.7455, 0.3818,
0.3268


 12.6419, 0.5008,
0.3099


 43.9851, 0.4374,
0.3209

 7.1824, 0.5378,
0.3013


 60.7025, 0.4247,
0.3225

 3.5764, 0.5908,
0.2863

 81.1954, 0.4142,
0.3238

 1.4396, 0.6902,
0.2650

 105.8481, 0.4056,
0.3247

 0.2456, 0.8641,
0.1359

135.0451, 0.3982,
0.3254

 0.0000, 1.0000,
0.0000

169.1707, 0.3920,

 0.0000, 0.0000,

0.3260

0.0000

208.6094, 0.3866,
0.3264

■ 20.3392, 0.4738,
0.3151

■ 20.3392, 0.4738,
0.3151

■ 17.2613, 0.5185,
0.3147

■ 24.4341, 0.4329,
0.3167

■ 15.1082, 0.5627,
0.3161

■ 29.6211, 0.3978,
0.3190

■ 13.7768, 0.6006,
0.3194

■ 35.9720, 0.3687,
0.3217

■ 13.1068, 0.6265,
0.3237

■ 43.5516, 0.3450,
0.3243

■ 13.0311, 0.6294,
0.3241

■ 52.4200, 0.3260,
0.3269

■ 62.6331, 0.3107,
0.3293

■ 74.2439, 0.2984,
0.3316

■ 87.3020, 0.2884,
0.3336

■ 91.7188, 0.2833,
0.3289

Harmonies

Analogous

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



20.3392, 0.3939, 0.2568



20.3392, 0.4738, 0.3151



20.3392, 0.4985, 0.3802

Triad

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



20.3392, 0.4738, 0.3151



20.3392, 0.3055, 0.4956



20.3392, 0.1708, 0.1974

Complementary

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



20.3392, 0.4738, 0.3151



49.4431, 0.2465, 0.3463

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.



20.3392, 0.1556, 0.2348



20.3392, 0.4738, 0.3151



20.3392, 0.2246, 0.4178

Square

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



20.3392, 0.4738, 0.3151



20.3392, 0.3930, 0.4975



20.3392, 0.1724, 0.3119



20.3392, 0.2174, 0.1922

Rectangle

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



20.3392, 0.4738, 0.3151



20.3392, 0.4814, 0.4248



20.3392, 0.1724, 0.3119



20.3392, 0.1623, 0.2059

Sweetspot

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



20.3403, 0.4738, 0.3151



71.7493, 0.3444, 0.3244



21.9821, 0.3034, 0.1865



14.5241, 0.3508, 0.3236



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.



20.3403, 0.4738, 0.3151



27.3127, 0.5291, 0.3149



29.8684, 0.4518, 0.3863



11.2316, 0.3275, 0.3267



8.1192, 0.6273, 0.3230



0.4252, 0.5913, 0.3031

Inverse Universe

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



20.3403, 0.4738, 0.3151



27.3127, 0.5291, 0.3149



31.1361, 0.2252, 0.2581



11.2316, 0.3275, 0.3267



8.1192, 0.6273, 0.3230



0.4252, 0.5913, 0.3031

Previews

White Background



This preview shows how the Yxy color 20.3392, 0.4738, 0.3151 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 20.3392, 0.4738, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

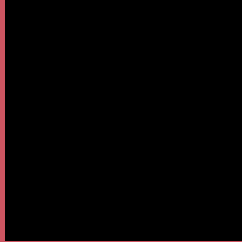
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3392, 0.4738, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 20.3392, 0.4738, 0.3151.

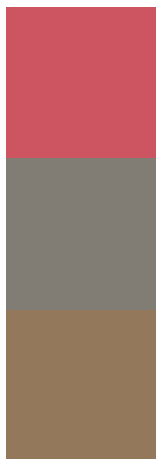


This preview shows how white text looks on a background with the Yxy color 20.3392, 0.4738, 0.3151.

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

20.3392, 0.4738, 0.3151

Protanopia

20.5953, 0.3278, 0.3455

Deuteranopia

20.4842, 0.3851, 0.3789



Tritanopia

20.4074, 0.4808, 0.3224

Trichromacy



Original Color

20.3392, 0.4738, 0.3151

Protanomaly

19.4241, 0.3788, 0.3308

Deuteranomaly

19.7407, 0.4194, 0.3509

Tritanomaly

20.4429, 0.4777, 0.3199

Monochromacy



Original Color

20.3392, 0.4738, 0.3151

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.8049, 0.3669, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3392, 0.4738, 0.3151 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(205, 85, 97)` looks like.

```
.text, #text, p{  
  color:rgb(205, 85, 97)  
}
```

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(205, 85, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 85, 97) }
```

Border

The CSS property to change the border of an element to Yxy 20.3392, 0.4738, 0.3151 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(205, 85, 97) }
```

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

```
.border{ border-color:rgb(205, 85, 97) }
```

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

Here you see how a box with a 4 pixel rgb(205, 85, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 85, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 85, 97);  
box-shadow:4px 4px 4px 4px rgb(205, 85,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3392, 0.4738, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 85, 97) }
```

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

```
.background{ background-color: rgb(205, 85,  
97) }
```

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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