

Converting Colors

$Y_{xy}(20.0672, 0.4863, 0.3069)$

Have a look what the booklet for
Yxy(20.0672, 0.4863, 0.3069)
contains.

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Color

Yxy(20.0197, 0.4858, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	D34D61
RGB	211, 77, 97
RGB Percent	83%, 30%, 38%
CMY	0.1727, 0.6979, 0.6197
CMYK	0.00, 0.63, 0.54, 0.17
HSL	351°, 60%, 56%
HSV	351°, 63%, 83%
XYZ	31.6691, 20.0197, 13.5007
YIQ	119.3460, 73.4440, 34.6280

Conversions

Conversions Part 2

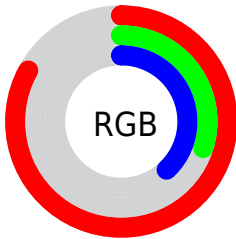
Format	Color
R_{YB}	211, 77, 97
Decimal	13847905
CIE Lab	51.86, 54.13, 17.27
CIE LCh	52, 56.822, 17.692
Yxy	20.0197, 0.4858, 0.3071
Android (android.graphics.Color)	4292037985 (0xFFD34D61)
YUV	119.3460, -11.0166, 80.3806
Hunter-Lab	44.7434, 48.0402, 13.4304

Details

The Yxy color **20.0197, 0.4858, 0.3071** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **51.9167, 0.2464, 0.3578**, and the grayscale version is **18.5854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8691, 0.4310, 0.3138**, and **7.0354, 0.5546, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **17.2324, 0.5293, 0.3073**, and if you desaturate by 10%, it is **23.8421, 0.4449, 0.3090**.

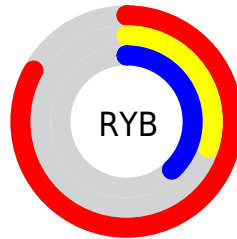
Distribution



Red (83%)

Green (30%)

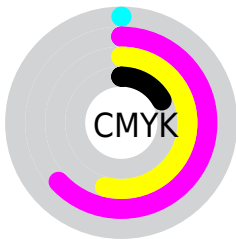
Blue (38%)



Red (83%)

Yellow (30%)

Blue (38%)

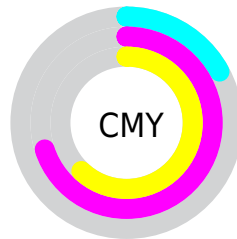


Cyan (0%)

Magenta (63%)

Yellow (54%)

Black (17%)



Cyan (17%)


Magenta (70%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0197, 0.4858, 0.3071 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 20.0197, 0.4858, 0.3071 by changing the saturation by 10% instead.


 20.0197, 0.4858,
0.3071


 20.0197, 0.4858,
0.3071


252.0217, 0.3870,
0.3236


 12.4094, 0.5147,
0.3004


 43.4502, 0.4468,
0.3148


 7.0231, 0.5542,
0.2898


 60.0392, 0.4331,
0.3172


 3.4766, 0.6103,
0.2719

 80.3898, 0.4218,
0.3189

 1.3853, 0.7144,
0.2461

 104.8865, 0.4125,
0.3203

 0.2059, 0.8928,
0.1072

 133.9136, 0.4046,
0.3214

 0.0000, 1.0000,
0.0000

167.8556, 0.3979,

 0.0000, 0.0000,

0.3223

0.0000

207.0969, 0.3921,
0.3230

■ 20.0197, 0.4858,
0.3071

■ 20.0197, 0.4858,
0.3071

■ 17.2324, 0.5293,
0.3073

■ 23.8421, 0.4449,
0.3090

■ 15.3754, 0.5708,
0.3102

■ 28.7847, 0.4089,
0.3122

■ 14.3274, 0.6047,
0.3156

■ 34.9273, 0.3787,
0.3160

■ 13.9459, 0.6211,
0.3195

■ 42.3417, 0.3539,
0.3200

■ 51.0939, 0.3338,
0.3240

■ 61.2454, 0.3176,
0.3278

■ 72.8538, 0.3045,
0.3312

■ 85.9736, 0.2940,
0.3344

■ 92.5847, 0.2866,
0.3289

Harmonies

Analogous

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



20.0197, 0.3939, 0.2461



20.0197, 0.4858, 0.3071



20.0197, 0.5165, 0.3758

Triad

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



20.0197, 0.4858, 0.3071



20.0197, 0.3094, 0.5184



20.0197, 0.1571, 0.1877

Complementary

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



20.0197, 0.4858, 0.3071



51.9167, 0.2464, 0.3578

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.



20.0197, 0.1432, 0.2295



20.0197, 0.4858, 0.3071



20.0197, 0.2207, 0.4367

Square

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



20.0197, 0.4858, 0.3071



20.0197, 0.4039, 0.5100



20.0197, 0.1628, 0.3165



20.0197, 0.2039, 0.1806

Rectangle

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



20.0197, 0.4858, 0.3071



20.0197, 0.4989, 0.4240



20.0197, 0.1628, 0.3165



20.0197, 0.1490, 0.1972

Sweetspot

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



20.0208, 0.4858, 0.3071



70.5110, 0.3447, 0.3217



21.0761, 0.2971, 0.1746



14.2888, 0.3508, 0.3206



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.



20.0208, 0.4858, 0.3071



25.3581, 0.5436, 0.3079



28.7753, 0.4726, 0.3843



11.8365, 0.3267, 0.3256



8.4283, 0.6184, 0.3180



0.4806, 0.5737, 0.2934

Inverse Universe

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



20.0208, 0.4858, 0.3071



25.3581, 0.5436, 0.3079



32.8663, 0.2206, 0.2579



11.8365, 0.3267, 0.3256



8.4283, 0.6184, 0.3180



0.4806, 0.5737, 0.2934

Previews

White Background



This preview shows how the Yxy color 20.0197, 0.4858, 0.3071 looks on a white background.

Color Contrast Check

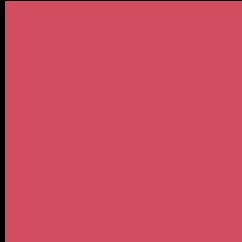
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0197, 0.4858, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

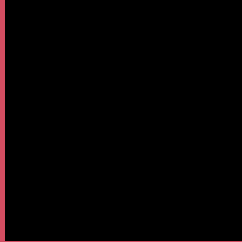
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0197, 0.4858, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 20.0197, 0.4858, 0.3071.



This preview shows how white text looks on a background with the Yxy color 20.0197, 0.4858, 0.3071.

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

20.0197, 0.4858, 0.3071

Protanopia

20.2834, 0.3209, 0.3364

Deuteranopia

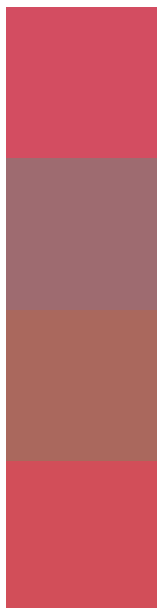
20.1520, 0.3844, 0.3776



Tritanopia

19.9337, 0.5036, 0.3241

Trichromacy



Original Color

20.0197, 0.4858, 0.3071

Protanomaly

18.9543, 0.3774, 0.3210

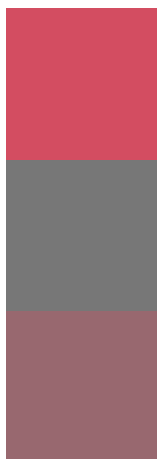
Deuteranomaly

19.2370, 0.4229, 0.3462

Tritanomaly

19.8717, 0.4967, 0.3173

Monochromacy



Original Color

20.0197, 0.4858, 0.3071

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.7237, 0.3718, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0197, 0.4858, 0.3071 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(211, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(211, 77, 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(211, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 77, 97) }
```

Border

The CSS property to change the border of an element to Yxy 20.0197, 0.4858, 0.3071 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(211, 77, 97) }
```

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

```
.border{ border-color:rgb(211, 77, 97) }
```

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

Here you see how a box with a 4 pixel rgb(211, 77, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(211, 77,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0197, 0.4858, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 77, 97) }
```

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

```
.background{ background-color: rgb(211, 77,  
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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