

Converting Colors

$Y_{xy}(21.4263, 0.4678, 0.3050)$

Have a look what the booklet for
Yxy(21.4263, 0.4678, 0.3050)
contains.

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Color

Yxy(21.5347, 0.4675, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	D4556A
RGB	212, 85, 106
RGB Percent	83%, 33%, 42%
CMY	0.1687, 0.6666, 0.5843
CMYK	0.00, 0.60, 0.50, 0.17
HSL	350°, 60%, 58%
HSV	350°, 60%, 83%
XYZ	32.9973, 21.5347, 16.0504
YIQ	125.3670, 68.9510, 33.4550

Conversions

Conversions Part 2

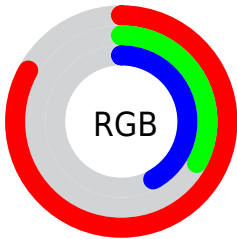
Format	Color
R_{YB}	212, 85, 106
Decimal	13915498
CIE Lab	53.53, 51.71, 14.23
CIE LCh	54, 53.636, 15.383
Yxy	21.5347, 0.4675, 0.3051
Android (android.graphics.Color)	4292105578 (0xFFD4556A)
YUV	125.3670, -9.5479, 75.9771
Hunter-Lab	46.4055, 45.7153, 11.9770

Details

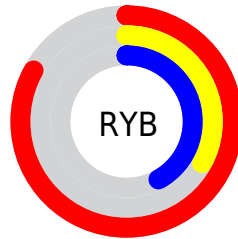
The Yxy color **21.5347, 0.4675, 0.3051** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **52.7730, 0.2496, 0.3590**, and the grayscale version is **20.6565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4505, 0.4162, 0.3115**, and **7.7300, 0.5279, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **18.3512, 0.5097, 0.3043**, and if you desaturate by 10%, it is **25.7961, 0.4290, 0.3079**.

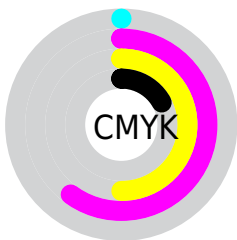
Distribution



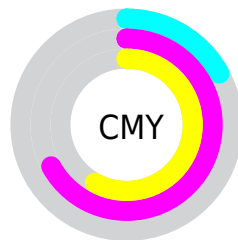
- Red (83%)
- Green (33%)
- Blue (42%)



- Red (83%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (50%)
- Black (17%)




- Cyan (17%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5347, 0.4675, 0.3051 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 21.5347, 0.4675, 0.3051 by changing the saturation by 10% instead.


 21.5347, 0.4675,
0.3051


 21.5347, 0.4675,
0.3051


260.1066, 0.3799,
0.3216


 13.5154, 0.4930,
0.2990

 45.9757, 0.4331,
0.3124


 7.7844, 0.5278,
0.2897


 63.1663, 0.4209,
0.3148

 3.9573, 0.5776,
0.2744

 84.1827, 0.4110,
0.3165

 1.6497, 0.6561,
0.2482

 109.4094, 0.4027,
0.3180

 0.3908, 0.8300,
0.1700

139.2307, 0.3957,
0.3191

 0.0000, 1.0000,
0.0000

174.0311, 0.3897,

 0.0000, 0.0000,

0.3201

0.0000

214.1949, 0.3844,
0.3209

■ 21.5347, 0.4675,
0.3051

■ 21.5347, 0.4675,
0.3051

■ 18.3512, 0.5097,
0.3043

■ 25.7961, 0.4290,
0.3079

■ 16.1451, 0.5522,
0.3061

■ 31.2170, 0.3957,
0.3118

■ 14.8028, 0.5896,
0.3110


■ 37.8755, 0.3681,
0.3162


■ 14.1220, 0.6175,
0.3176


■ 45.8415, 0.3455,
0.3206

■ 14.1158, 0.6178,
0.3177

■ 55.1799, 0.3273,
0.3250

 65.9513, 0.3126,
0.3290

 78.2126, 0.3007,
0.3328

 92.0175, 0.2910,
0.3362

 92.7344, 0.2871,
0.3289

Harmonies

Analogous

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



21.5347, 0.3803, 0.2478



21.5347, 0.4675, 0.3051



21.5347, 0.5021, 0.3703

Triad

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



21.5347, 0.4675, 0.3051



21.5347, 0.3185, 0.5044



21.5347, 0.1645, 0.1988

Complementary

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



21.5347, 0.4675, 0.3051



52.7730, 0.2496, 0.3590

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.



21.5347, 0.1538, 0.2421



21.5347, 0.4675, 0.3051



21.5347, 0.2339, 0.4353

Square

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



21.5347, 0.4675, 0.3051



21.5347, 0.4063, 0.4947



21.5347, 0.1758, 0.3265



21.5347, 0.2067, 0.1892

Rectangle

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



21.5347, 0.4675, 0.3051



21.5347, 0.4900, 0.4155



21.5347, 0.1758, 0.3265



21.5347, 0.1575, 0.2090

Sweetspot

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



21.5359, 0.4675, 0.3051



71.9031, 0.3422, 0.3214



22.3070, 0.2961, 0.1806



14.5608, 0.3481, 0.3201



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.



21.5359, 0.4675, 0.3051



26.7713, 0.5221, 0.3045



29.9186, 0.4622, 0.3797



12.4539, 0.3265, 0.3252



8.7260, 0.6150, 0.3161



0.5369, 0.5705, 0.2916

Inverse Universe

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



21.5359, 0.4675, 0.3051



26.7713, 0.5221, 0.3045



35.3085, 0.2255, 0.2660



12.4539, 0.3265, 0.3252



8.7260, 0.6150, 0.3161



0.5369, 0.5705, 0.2916

Previews

White Background



This preview shows how the Yxy color 21.5347, 0.4675, 0.3051 looks on a white background.

Color Contrast Check

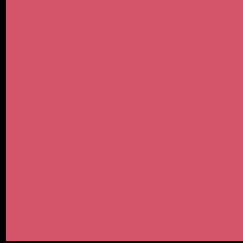
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5347, 0.4675, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

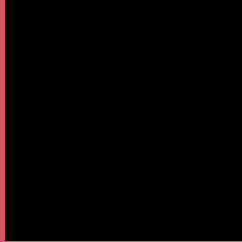
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5347, 0.4675, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 21.5347, 0.4675, 0.3051.



This preview shows how white text looks on a background with the Yxy color 21.5347, 0.4675, 0.3051.

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

21.5347, 0.4675, 0.3051

Protanopia

21.8222, 0.3162, 0.3290

Deuteranopia

21.5700, 0.3748, 0.3681



Tritanopia

21.4556, 0.4849, 0.3226

Trichromacy



Original Color

21.5347, 0.4675, 0.3051

Protanomaly

20.4180, 0.3668, 0.3163

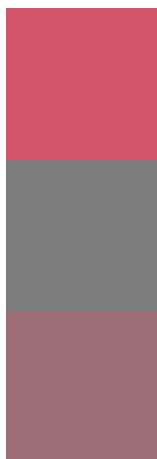
Deuteranomaly

20.7808, 0.4105, 0.3399

Tritanomaly

21.3863, 0.4781, 0.3156

Monochromacy



Original Color

21.5347, 0.4675, 0.3051

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.6280, 0.3663, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5347, 0.4675, 0.3051 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(212, 85, 106)` looks like.

```
.text, #text, p{  
    color:rgb(212, 85, 106)  
}
```

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(212, 85, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 85, 106) }
```

Border

The CSS property to change the border of an element to Yxy 21.5347, 0.4675, 0.3051 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(212, 85, 106) }
```

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

```
.border{ border-color:rgb(212, 85, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 85, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 85, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 85, 106);  
box-shadow:4px 4px 4px 4px rgb(212, 85,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5347, 0.4675, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 85, 106) }
```

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

```
.background{ background-color: rgb(212, 85,  
106) }
```

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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