

Converting Colors

$Y_{xy}(20.5381, 0.4721, 0.2917)$

Have a look what the booklet for
Yxy(20.5381, 0.4721, 0.2917)
contains.

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Color

Yxy(20.5834, 0.4719, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	D74B6D
RGB	215, 75, 109
RGB Percent	84%, 29%, 43%
CMY	0.1569, 0.7058, 0.5726
CMYK	0.00, 0.65, 0.49, 0.16
HSL	345°, 64%, 57%
HSV	345°, 65%, 84%
XYZ	33.2990, 20.5834, 16.6812
YIQ	120.7360, 72.5260, 40.2540

Conversions

Conversions Part 2

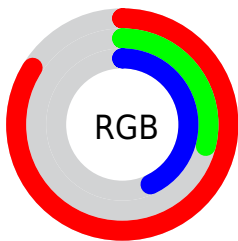
Format	Color
R_{YB}	215, 75, 109
Decimal	14109549
CIE Lab	52.49, 57.26, 11.07
CIE LCh	52, 58.322, 10.942
Yxy	20.5834, 0.4719, 0.2917
Android (android.graphics.Color)	4292299629 (0xFFD74B6D)
YUV	120.7360, -5.7858, 82.6695
Hunter-Lab	45.3689, 51.6161, 9.9585

Details

The Yxy color **20.5834, 0.4719, 0.2917** 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 **53.4321, 0.2518, 0.3786**, and the grayscale version is **19.0342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0307, 0.4164, 0.2992**, and **7.3164, 0.5345, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **17.8250, 0.5113, 0.2913**, and if you desaturate by 10%, it is **24.3941, 0.4351, 0.2951**.

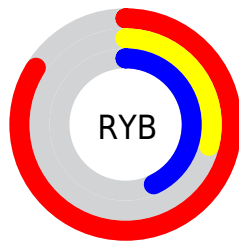
Distribution



Red (84%)

Green (29%)

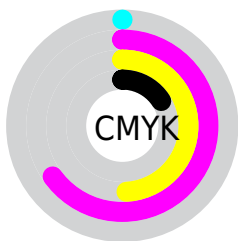
Blue (43%)



Red (84%)

Yellow (29%)

Blue (43%)

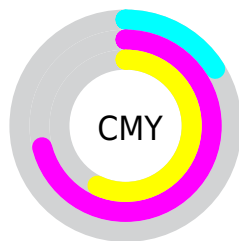


Cyan (0%)

Magenta (65%)

Yellow (49%)

Black (16%)



Cyan (16%)


Magenta (71%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5834, 0.4719, 0.2917 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 20.5834, 0.4719, 0.2917 by changing the saturation by 10% instead.


 20.5834, 0.4719,
0.2917


 20.5834, 0.4719,
0.2917


255.0561, 0.3815,
0.3153


 12.8198, 0.4983,
0.2837


 44.3932, 0.4363,
0.3017


 7.3046, 0.5346,
0.2720


 61.2081, 0.4237,
0.3050


 3.6533, 0.5867,
0.2536

 81.8090, 0.4135,
0.3076

 1.4816, 0.6673,
0.2227

 106.5802, 0.4049,
0.3097

 0.2757, 0.8763,
0.1237

 135.9062, 0.3977,
0.3115

 0.0000, 1.0000,
0.0000

170.1712, 0.3915,

 0.0000, 0.0000,

0.3130

0.0000

209.7597, 0.3862,
0.3142

■ 20.5834, 0.4719,
0.2917

■ 20.5834, 0.4719,
0.2917

■ 17.8250, 0.5113,
0.2913

■ 24.3941, 0.4351,
0.2951

■ 16.0079, 0.5499,
0.2948

■ 29.3464, 0.4028,
0.3004


■ 15.0024, 0.5835,
0.3023

■ 35.5240, 0.3754,
0.3066


■ 14.6958, 0.5976,
0.3066


■ 43.0017, 0.3527,
0.3133

■ 51.8484, 0.3342,
0.3198

 62.1279, 0.3192,
0.3260

 73.9004, 0.3071,
0.3318

 87.2221, 0.2972,
0.3371

 93.1863, 0.2889,
0.3289

Harmonies

Analogous

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



20.5834, 0.3700, 0.2329



20.5834, 0.4719, 0.2917



20.5834, 0.5190, 0.3598

Triad

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



20.5834, 0.4719, 0.2917



20.5834, 0.3308, 0.5276



20.5834, 0.1492, 0.1918

Complementary

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



20.5834, 0.4719, 0.2917



53.4321, 0.2518, 0.3786

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.



20.5834, 0.1424, 0.2433



20.5834, 0.4719, 0.2917



20.5834, 0.2374, 0.4643

Square

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



20.5834, 0.4719, 0.2917



20.5834, 0.4245, 0.5009



20.5834, 0.1703, 0.3422



20.5834, 0.1887, 0.1777

Rectangle

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



20.5834, 0.4719, 0.2917



20.5834, 0.5105, 0.4080



20.5834, 0.1703, 0.3422



20.5834, 0.1434, 0.2042

Sweetspot

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



20.5845, 0.4719, 0.2917



69.4230, 0.3432, 0.3165



19.6438, 0.2811, 0.1643



14.0875, 0.3486, 0.3146



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.



20.5845, 0.4719, 0.2917



25.1050, 0.5257, 0.2921



26.1089, 0.4922, 0.3686



12.4697, 0.3253, 0.3234



8.8044, 0.5939, 0.3046



0.5443, 0.5442, 0.2771

Inverse Universe

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



20.5845, 0.4719, 0.2917



25.1050, 0.5257, 0.2921



39.0452, 0.2238, 0.2775



12.4697, 0.3253, 0.3234



8.8044, 0.5939, 0.3046



0.5443, 0.5442, 0.2771

Previews

White Background



This preview shows how the Yxy color 20.5834, 0.4719, 0.2917 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 20.5834, 0.4719, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

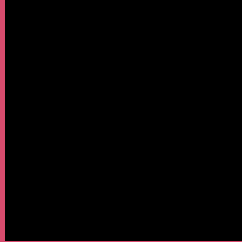
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.5834, 0.4719, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 20.5834, 0.4719, 0.2917.



This preview shows how white text looks on a background with the Yxy color 20.5834, 0.4719, 0.2917.

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

20.5834, 0.4719, 0.2917

Protanopia

20.8048, 0.3008, 0.3092

Deuteranopia

20.7450, 0.3681, 0.3621



Tritanopia

20.6893, 0.5052, 0.3242

Trichromacy



Original Color

20.5834, 0.4719, 0.2917

Protanomaly

19.2908, 0.3576, 0.2984

Deuteranomaly

19.5785, 0.4067, 0.3277

Tritanomaly

20.5531, 0.4930, 0.3120

Monochromacy



Original Color

20.5834, 0.4719, 0.2917

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.1535, 0.3673, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5834, 0.4719, 0.2917 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(215, 75, 109)` looks like.

```
.text, #text, p{  
    color:rgb(215, 75, 109)  
}
```

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(215, 75, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 75, 109) }
```

Border

The CSS property to change the border of an element to Yxy 20.5834, 0.4719, 0.2917 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(215, 75, 109) }
```

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

```
.border{ border-color:rgb(215, 75, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 75, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 75, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 75, 109); box-shadow:4px 4px 4px 4px rgb(215, 75, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5834, 0.4719, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 75, 109) }
```

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

```
.background{ background-color: rgb(215, 75,  
109) }
```

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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