

Converting Colors

$Yxy(21.7896, 0.4848, 0.3017)$

Have a look what the booklet for
Yxy(21.7896, 0.4848, 0.3017)
contains.

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Color

Yxy(21.8204, 0.4845, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	DD4E68
RGB	221, 78, 104
RGB Percent	87%, 31%, 41%
CMY	0.1333, 0.6941, 0.5921
CMYK	0.00, 0.65, 0.53, 0.13
HSL	349°, 68%, 59%
HSV	349°, 65%, 87%
XYZ	35.0414, 21.8204, 15.4630
YIQ	123.7210, 76.8820, 38.4020

Conversions

Conversions Part 2

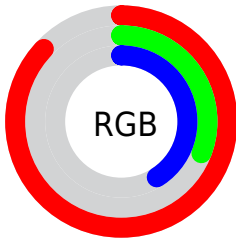
Format	Color
R_{YB}	221, 78, 104
Decimal	14503528
CIE Lab	53.84, 57.51, 16.06
CIE LCh	54, 59.707, 15.604
Yxy	21.8204, 0.4845, 0.3017
Android (android.graphics.Color)	4292693608 (0xFFDD4E68)
YUV	123.7210, -9.7225, 85.3137
Hunter-Lab	46.7123, 52.1558, 13.0720

Details

The Yxy color **21.8204, 0.4845, 0.3017** 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 **57.2714, 0.2478, 0.3653**, and the grayscale version is **20.0739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6768, 0.4209, 0.3075**, and **7.8992, 0.5506, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **18.8621, 0.5268, 0.3020**, and if you desaturate by 10%, it is **25.9146, 0.4445, 0.3039**.

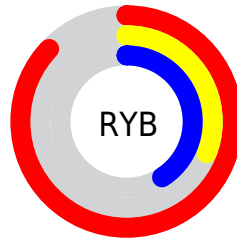
Distribution



Red (87%)

Green (31%)

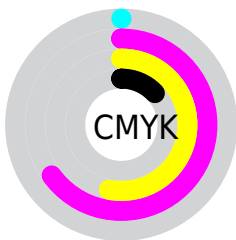
Blue (41%)



Red (87%)

Yellow (31%)

Blue (41%)

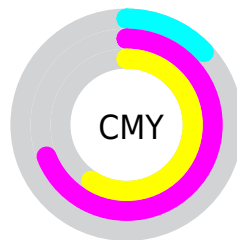


Cyan (0%)

Magenta (65%)

Yellow (53%)

Black (13%)



Cyan (13%)


Magenta (69%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8204, 0.4845, 0.3017 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 21.8204, 0.4845, 0.3017 by changing the saturation by 10% instead.


 21.8204, 0.4845,
0.3017

 21.8204, 0.4845,
0.3017

261.6069, 0.3877,
0.3207


 13.7250, 0.5123,
0.2946


 46.4490, 0.4466,
0.3102

 7.9296, 0.5499,
0.2840

 63.7509, 0.4332,
0.3129


 4.0500, 0.6028,
0.2666

 84.8905, 0.4222,
0.3149

 1.7015, 0.6857,
0.2380

 110.2522, 0.4130,
0.3166

 0.4247, 0.8397,
0.1603

 140.2202, 0.4052,
0.3179

 0.0000, 1.0000,
0.0000

175.1791, 0.3985,

 0.0000, 0.0000,

0.3190

0.0000

215.5132, 0.3927,
0.3199

■ 21.8204, 0.4845,
0.3017

■ 21.8204, 0.4845,
0.3017

■ 18.8621, 0.5268,
0.3020

■ 25.9146, 0.4445,
0.3039

■ 16.9204, 0.5672,
0.3054

■ 31.2410, 0.4093,
0.3078


■ 15.8558, 0.6005,
0.3120


■ 37.8896, 0.3796,
0.3124


■ 15.5260, 0.6144,
0.3158


■ 45.9412, 0.3551,
0.3174

■ 55.4700, 0.3352,
0.3223

 66.5449, 0.3192,
0.3269

 79.2306, 0.3062,
0.3312

 93.5881, 0.2957,
0.3352

 94.1116, 0.2923,
0.3289

Harmonies

Analogous

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



21.8204, 0.3877, 0.2408



21.8204, 0.4845, 0.3017



21.8204, 0.5205, 0.3708

Triad

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



21.8204, 0.4845, 0.3017



21.8204, 0.3156, 0.5252



21.8204, 0.1527, 0.1870

Complementary

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



21.8204, 0.4845, 0.3017



57.2714, 0.2478, 0.3653

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.



21.8204, 0.1408, 0.2319



21.8204, 0.4845, 0.3017



21.8204, 0.2242, 0.4474

Square

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



21.8204, 0.4845, 0.3017



21.8204, 0.4111, 0.5098



21.8204, 0.1629, 0.3238



21.8204, 0.1975, 0.1778

Rectangle

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



21.8204, 0.4845, 0.3017



21.8204, 0.5051, 0.4196



21.8204, 0.1629, 0.3238



21.8204, 0.1452, 0.1974

Sweetspot

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



21.8216, 0.4845, 0.3017



70.5926, 0.3435, 0.3201



22.2438, 0.2915, 0.1696



14.3081, 0.3494, 0.3187



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.



21.8216, 0.4845, 0.3017



24.8753, 0.5432, 0.3029



30.1598, 0.4820, 0.3794



13.0900, 0.3263, 0.3248



9.0316, 0.6112, 0.3141



0.5968, 0.5675, 0.2900

Inverse Universe

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



21.8216, 0.4845, 0.3017



24.8753, 0.5432, 0.3029



37.7806, 0.2207, 0.2633



13.0900, 0.3263, 0.3248



9.0316, 0.6112, 0.3141



0.5968, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 21.8204, 0.4845, 0.3017 looks on a white background.

Color Contrast Check

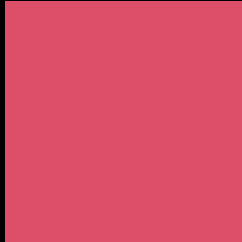
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8204, 0.4845, 0.3017 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 21.8204, 0.4845, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 21.8204, 0.4845, 0.3017.



This preview shows how white text looks on a background with the Yxy color 21.8204, 0.4845, 0.3017.

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

21.8204, 0.4845, 0.3017

Protanopia

22.1108, 0.3151, 0.3290

Deuteranopia

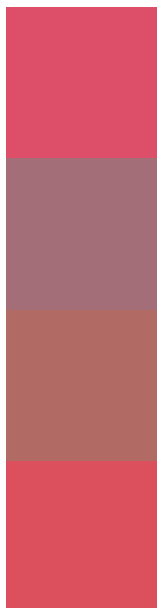
21.9538, 0.3805, 0.3744



Tritanopia

21.7724, 0.5086, 0.3244

Trichromacy



Original Color

21.8204, 0.4845, 0.3017

Protanomaly

20.4004, 0.3729, 0.3134

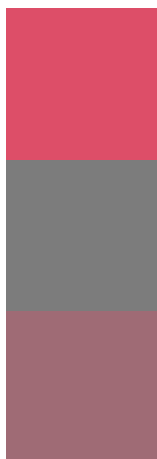
Deuteranomaly

20.7826, 0.4199, 0.3397

Tritanomaly

21.7433, 0.4991, 0.3158

Monochromacy



Original Color

21.8204, 0.4845, 0.3017

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.1707, 0.3716, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8204, 0.4845, 0.3017 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(221, 78, 104)` looks like.

```
.text, #text, p{  
    color:rgb(221, 78, 104)  
}
```

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(221, 78, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 78, 104) }
```

Border

The CSS property to change the border of an element to Yxy 21.8204, 0.4845, 0.3017 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(221, 78, 104) }
```

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

```
.border{ border-color:rgb(221, 78, 104) }
```

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

Here you see how a box with a 4 pixel rgb(221, 78, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 78, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 78, 104);  
box-shadow:4px 4px 4px 4px rgb(221, 78,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8204, 0.4845, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 78, 104) }
```

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

```
.background{ background-color: rgb(221, 78,  
104) }
```

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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