

Converting Colors

$Y_{xy}(21.9070, 0.4204, 0.3089)$

Have a look what the booklet for
Yxy(21.9070, 0.4204, 0.3089)
contains.

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Color

Yxy(21.9058, 0.4204, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	C16574
RGB	193, 101, 116
RGB Percent	76%, 40%, 45%
CMY	0.2430, 0.6040, 0.5451
CMYK	0.00, 0.48, 0.40, 0.24
HSL	350°, 43%, 58%
HSV	350°, 48%, 76%
XYZ	29.8032, 21.9058, 19.1835
YIQ	130.2180, 50.0170, 24.1690

Conversions

Conversions Part 2

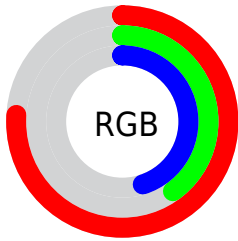
Format	Color
R_{YB}	193, 101, 116
Decimal	12674420
CIE _{Lab}	53.93, 38.28, 8.44
CIE _{LCh}	54, 39.197, 12.439
Yxy	21.9058, 0.4204, 0.3090
Android (android.graphics.Color)	4290864500 (0xFFC16574)
YUV	130.2180, -7.0095, 55.0598
Hunter-Lab	46.8036, 31.7574, 8.4612

Details

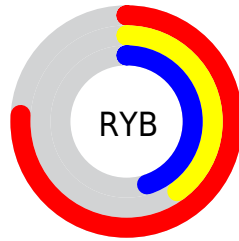
The Yxy color **21.9058, 0.4204, 0.3090** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.1306, 0.2587, 0.3515**, and the grayscale version is **22.4165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6338, 0.3961, 0.3143**, and **7.9328, 0.4635, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **18.2453, 0.4575, 0.3059**, and if you desaturate by 10%, it is **26.5140, 0.3887, 0.3130**.

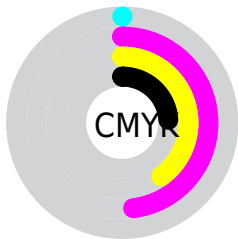
Distribution



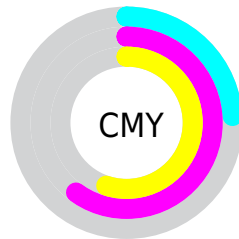
- Red (76%)
- Green (40%)
- Blue (45%)



- Red (76%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (40%)
- Black (24%)




- Cyan (24%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.9058, 0.4204, 0.3090 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 21.9058, 0.4204, 0.3090 by changing the saturation by 10% instead.


 21.9058, 0.4204,
0.3090

 21.9058, 0.4204,
0.3090


262.0539, 0.3595,
0.3216


 13.7877, 0.4384,
0.3047


 46.5903, 0.3963,
0.3143

 7.9732, 0.4634,
0.2983


 63.9254, 0.3879,
0.3161

 4.0778, 0.5001,
0.2881

 85.1017, 0.3810,
0.3175

 1.7172, 0.5587,
0.2696

 110.5035, 0.3752,
0.3186

 0.4347, 0.7700,
0.2300

140.5152, 0.3704,
0.3196

 0.0000, 1.0000,
0.0000

175.5213, 0.3662,

 0.0000, 0.0000,

0.3203

0.0000

215.9061, 0.3626,
0.3210

■ 21.9058, 0.4204,
0.3090

■ 21.9058, 0.4204,
0.3090

■ 18.2453, 0.4575,
0.3059

■ 26.5140, 0.3887,
0.3130

■ 15.4632, 0.4989,
0.3046

■ 32.1262, 0.3624,
0.3174

■ 13.4862, 0.5416,
0.3057

■ 38.7982, 0.3410,
0.3218

■ 12.2273, 0.5807,
0.3097

■ 46.5807, 0.3237,
0.3260


■ 11.5605, 0.6111,
0.3161

■ 55.5213, 0.3097,
0.3299

 11.4421, 0.6171,
0.3173

 65.6647, 0.2984,
0.3335

 77.0532, 0.2892,
0.3368

 89.4668, 0.2817,
0.3393

 90.0805, 0.2768,
0.3289

Harmonies

Analogous

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



21.9058, 0.3560, 0.2638



21.9058, 0.4204, 0.3090



21.9058, 0.4518, 0.3611

Triad

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



21.9058, 0.4204, 0.3090



21.9058, 0.3280, 0.4546



21.9058, 0.1965, 0.2331

Complementary

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



21.9058, 0.4204, 0.3090



44.1306, 0.2587, 0.3515

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.



21.9058, 0.1910, 0.2720



21.9058, 0.4204, 0.3090



21.9058, 0.2621, 0.4102

Square

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



21.9058, 0.4204, 0.3090



21.9058, 0.3933, 0.4507



21.9058, 0.2132, 0.3371



21.9058, 0.2283, 0.2211

Rectangle

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



21.9058, 0.4204, 0.3090



21.9058, 0.4485, 0.3960



21.9058, 0.2132, 0.3371



21.9058, 0.1917, 0.2429

Sweetspot

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



21.9069, 0.4204, 0.3090



74.0631, 0.3346, 0.3232



22.5841, 0.3008, 0.2086



15.2635, 0.3386, 0.3223



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.9069, 0.4204, 0.3090



32.5472, 0.4584, 0.3059



28.6922, 0.4207, 0.3708



10.1041, 0.3264, 0.3253



7.6163, 0.6145, 0.3159



0.3377, 0.5584, 0.2850

Inverse Universe

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



21.9069, 0.4204, 0.3090



32.5472, 0.4584, 0.3059



32.5797, 0.2415, 0.2813



10.1041, 0.3264, 0.3253



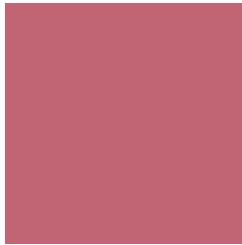
7.6163, 0.6145, 0.3159



0.3377, 0.5584, 0.2850

Previews

White Background



This preview shows how the Yxy color 21.9058, 0.4204, 0.3090 looks on a white background.

Color Contrast Check

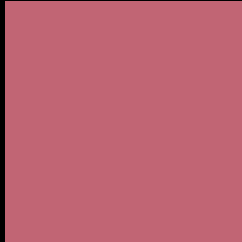
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9058, 0.4204, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

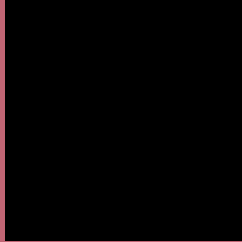
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9058, 0.4204, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 21.9058, 0.4204, 0.3090.



This preview shows how white text looks on a background with the Yxy color 21.9058, 0.4204, 0.3090.

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

21.9058, 0.4204, 0.3090

Protanopia

22.1645, 0.3129, 0.3255

Deuteranopia

22.1330, 0.3566, 0.3512



Tritanopia

21.8133, 0.4289, 0.3198

Trichromacy



Original Color

21.9058, 0.4204, 0.3090

Protanomaly

21.5700, 0.3488, 0.3176

Deuteranomaly

21.5755, 0.3798, 0.3340

Tritanomaly

21.8791, 0.4245, 0.3157

Monochromacy



Original Color

21.9058, 0.4204, 0.3090

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.4466, 0.3488, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9058, 0.4204, 0.3090 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(193, 101, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 101, 116)  
}
```

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(193, 101, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 101, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.9058, 0.4204, 0.3090 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(193, 101, 116) }
```

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

```
.border{ border-color:rgb(193, 101, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 101, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 101, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 101, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 101,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9058, 0.4204, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 101, 116) }
```

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

```
.background{ background-color: rgb(193,  
101, 116) }
```

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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