

Converting Colors

$Y_{xy}(21.2593, 0.4481, 0.3134)$

Have a look what the booklet for
Yxy(21.2593, 0.4481, 0.3134)
contains.

Yxy(21.3254, 0.4481, 0.3141)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.3254, 0.4481, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	C85E6A
RGB	200, 94, 106
RGB Percent	78%, 37%, 42%
CMY	0.2157, 0.6313, 0.5844
CMYK	0.00, 0.53, 0.47, 0.22
HSL	353°, 49%, 58%
HSV	353°, 53%, 78%
XYZ	30.4232, 21.3254, 16.1451
YIQ	127.0620, 59.3240, 26.2040

Conversions

Conversions Part 2

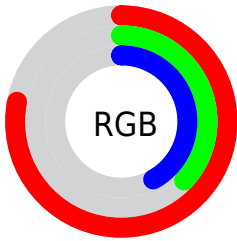
Format	Color
R_{YB}	200, 94, 106
Decimal	13131370
CIE _{Lab}	53.30, 43.30, 13.63
CIE _{LCh}	53, 45.397, 17.474
Yxy	21.3254, 0.4481, 0.3141
Android (android.graphics.Color)	4291321450 (0xFFC85E6A)
YUV	127.0620, -10.3836, 63.9666
Hunter-Lab	46.1794, 36.7823, 11.5968

Details

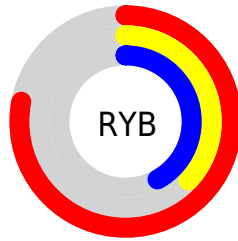
The Yxy color **21.3254, 0.4481, 0.3141** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **47.3202, 0.2515, 0.3465**, and the grayscale version is **21.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5618, 0.4132, 0.3188**, and **7.7225, 0.5019, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **17.8867, 0.4903, 0.3128**, and if you desaturate by 10%, it is **25.7641, 0.4110, 0.3165**.

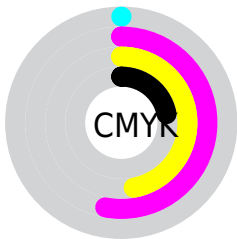
Distribution



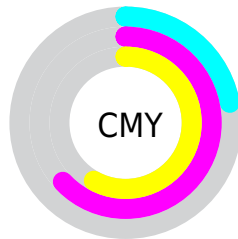
- Red (78%)
- Green (37%)
- Blue (42%)



- Red (78%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (53%)
- Yellow (47%)
- Black (22%)





- Cyan (22%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3254, 0.4481, 0.3141 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 21.3254, 0.4481, 0.3141 by changing the saturation by 10% instead.


 21.3254, 0.4481,
0.3141


 21.3254, 0.4481,
0.3141


259.0028, 0.3712,
0.3250

 13.3621, 0.4708,
0.3097


 45.6285, 0.4177,
0.3192


 7.6783, 0.5020,
0.3028


 62.7370, 0.4070,
0.3207

 3.8898, 0.5475,
0.2910

 83.6627, 0.3983,
0.3219

 1.6121, 0.6212,
0.2699

 108.7900, 0.3910,
0.3228

 0.3658, 0.8080,
0.1920

138.5032, 0.3849,
0.3235

 0.0000, 1.0000,
0.0000

173.1869, 0.3797,

 0.0000, 0.0000,

0.3241


0.0000


213.2252, 0.3751,
0.3246


 21.3254, 0.4481,
0.3141


 21.3254, 0.4481,
0.3141


 17.8867, 0.4903,
0.3128


 25.7641, 0.4110,
0.3165

 15.3671, 0.5350,
0.3130


 31.2687, 0.3798,
0.3193

 13.6788, 0.5771,
0.3154

 37.9035, 0.3543,
0.3224

 12.7152, 0.6106,
0.3198

 45.7266, 0.3336,
0.3254

 12.3396, 0.6272,
0.3229

 54.7923, 0.3170,
0.3282

■ 65.1513, 0.3037,
0.3308

■ 76.8518, 0.2929,
0.3332

■ 89.9392, 0.2841,
0.3353

■ 91.0193, 0.2805,
0.3289

Harmonies

Analogous

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



21.3254, 0.3768, 0.2618



21.3254, 0.4481, 0.3141



21.3254, 0.4754, 0.3730

Triad

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



21.3254, 0.4481, 0.3141



21.3254, 0.3151, 0.4734



21.3254, 0.1843, 0.2144

Complementary

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



21.3254, 0.4481, 0.3141



47.3202, 0.2515, 0.3465

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.



21.3254, 0.1730, 0.2519



21.3254, 0.4481, 0.3141



21.3254, 0.2418, 0.4118

Square

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



21.3254, 0.4481, 0.3141



21.3254, 0.3919, 0.4743



21.3254, 0.1917, 0.3226



21.3254, 0.2245, 0.2066

Rectangle

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



21.3254, 0.4481, 0.3141



21.3254, 0.4646, 0.4125



21.3254, 0.1917, 0.3226



21.3254, 0.1773, 0.2233

Sweetspot

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



21.3265, 0.4481, 0.3141



74.5590, 0.3398, 0.3244



22.8219, 0.3048, 0.1983



15.3467, 0.3441, 0.3238



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.



21.3265, 0.4481, 0.3141



30.0109, 0.4988, 0.3127



30.3148, 0.4340, 0.3818



10.6561, 0.3272, 0.3264



7.8528, 0.6250, 0.3217



0.3785, 0.5831, 0.2986

Inverse Universe

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



21.3265, 0.4481, 0.3141



30.0109, 0.4988, 0.3127



31.4738, 0.2326, 0.2662



10.6561, 0.3272, 0.3264



7.8528, 0.6250, 0.3217



0.3785, 0.5831, 0.2986

Previews

White Background



This preview shows how the Yxy color 21.3254, 0.4481, 0.3141 looks on a white background.

Color Contrast Check

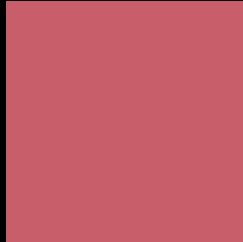
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3254, 0.4481, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

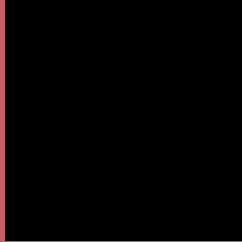
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.3254, 0.4481, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 21.3254, 0.4481, 0.3141.



This preview shows how white text looks on a background with the Yxy color 21.3254, 0.4481, 0.3141.

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

21.3254, 0.4481, 0.3141

Protanopia

21.4341, 0.3219, 0.3362

Deuteranopia

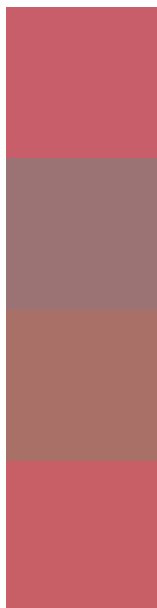
21.4951, 0.3723, 0.3666



Tritanopia

21.4034, 0.4550, 0.3218

Trichromacy



Original Color

21.3254, 0.4481, 0.3141

Protanomaly

20.6137, 0.3644, 0.3259

Deuteranomaly

20.8924, 0.4008, 0.3433

Tritanomaly

21.4431, 0.4520, 0.3192

Monochromacy



Original Color

21.3254, 0.4481, 0.3141

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.4634, 0.3591, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3254, 0.4481, 0.3141 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(200, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(200, 94, 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(200, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 94, 106) }
```

Border

The CSS property to change the border of an element to Yxy 21.3254, 0.4481, 0.3141 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(200, 94, 106) }
```

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

```
.border{ border-color:rgb(200, 94, 106) }
```

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

Here you see how a box with a 4 pixel rgb(200, 94, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(200, 94,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3254, 0.4481, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 94, 106) }
```

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

```
.background{ background-color: rgb(200, 94,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor