

Converting Colors

$Y_{xy}(21.2110, 0.4202, 0.3279)$

Have a look what the booklet for
Yxy(21.2110, 0.4202, 0.3279)
contains.

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Color

Yxy(21.2110, 0.4202, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	B7696A
RGB	183, 105, 106
RGB Percent	72%, 41%, 42%
CMY	0.2823, 0.5882, 0.5843
CMYK	0.00, 0.43, 0.42, 0.28
HSL	359°, 35%, 56%
HSV	359°, 43%, 72%
XYZ	27.1816, 21.2110, 16.2948
YIQ	128.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

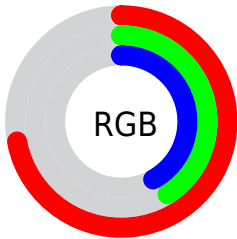
Format	Color
R_{YB}	183, 105, 106
Decimal	12020074
CIE _{Lab}	53.18, 31.23, 13.09
CIE _{LCh}	53, 33.864, 22.742
Yxy	21.2110, 0.4202, 0.3279
Android (android.graphics.Color)	4290210154 (0xFFB7696A)
YUV	128.4360, -11.0609, 47.8526
Hunter-Lab	46.0554, 24.7528, 11.2615

Details

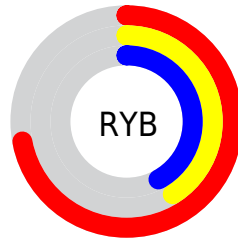
The Yxy color **21.2110, 0.4202, 0.3279** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.2496, 0.2561, 0.3303**, and the grayscale version is **21.7734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2490, 0.3960, 0.3292**, and **7.6561, 0.4633, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **17.5395, 0.4610, 0.3278**, and if you desaturate by 10%, it is **25.7660, 0.3858, 0.3281**.

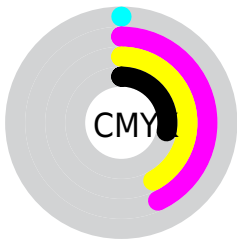
Distribution



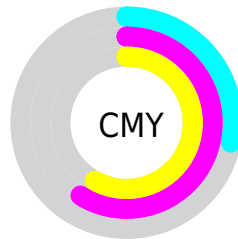
- Red (72%)
- Green (41%)
- Blue (42%)



- Red (72%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (43%)
- Yellow (42%)
- Black (28%)





- Cyan (28%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.2110, 0.4202, 0.3279 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 21.2110, 0.4202, 0.3279 by changing the saturation by 10% instead.


 21.2110, 0.4202,
0.3279


 21.2110, 0.4202,
0.3279


258.3977, 0.3589,
0.3304

 13.2783, 0.4385,
0.3262


 45.4384, 0.3958,
0.3295

 7.6205, 0.4640,
0.3232


 62.5020, 0.3874,
0.3298

 3.8531, 0.5017,
0.3173

 83.3779, 0.3804,
0.3301

 1.5917, 0.5651,
0.3056

 108.4507, 0.3747,
0.3302

 0.3520, 0.7615,
0.2385

138.1047, 0.3698,
0.3303

 0.0000, 1.0000,
0.0000

172.7242, 0.3656,

 0.0000, 0.0000,

0.3304

0.0000

212.6938, 0.3620,
0.3304

■ 21.2110, 0.4202,
0.3279

■ 21.2110, 0.4202,
0.3279

■ 17.5395, 0.4610,
0.3278

■ 25.7660, 0.3858,
0.3281

■ 14.6912, 0.5069,
0.3278

■ 31.2531, 0.3576,
0.3284

■ 12.6037, 0.5540,
0.3280

■ 37.7213, 0.3350,
0.3287

■ 11.2039, 0.5958,
0.3284


■ 45.2152, 0.3168,
0.3289

■ 10.4049, 0.6253,
0.3291

■ 53.7767, 0.3023,
0.3292

 10.0727, 0.6387,
0.3292

 63.4453, 0.2906,
0.3294

 74.2586, 0.2811,
0.3296

 86.2522, 0.2734,
0.3298

 88.8076, 0.2716,
0.3289

Harmonies

Analogous

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



21.2110, 0.3720, 0.2841



21.2110, 0.4202, 0.3279



21.2110, 0.4353, 0.3752

Triad

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



21.2110, 0.4202, 0.3279



21.2110, 0.3065, 0.4285



21.2110, 0.2166, 0.2380

Complementary

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



21.2110, 0.4202, 0.3279



40.2496, 0.2561, 0.3303

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.



21.2110, 0.2034, 0.2650



21.2110, 0.4202, 0.3279



21.2110, 0.2516, 0.3788

Square

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



21.2110, 0.4202, 0.3279



21.2110, 0.3662, 0.4408



21.2110, 0.2151, 0.3154



21.2110, 0.2533, 0.2343

Rectangle

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



21.2110, 0.4202, 0.3279



21.2110, 0.4248, 0.4046



21.2110, 0.2151, 0.3154



21.2110, 0.2095, 0.2443

Sweetspot

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



21.2121, 0.4202, 0.3279



66.8183, 0.3362, 0.3287



23.4320, 0.3160, 0.2256



14.1645, 0.3408, 0.3286



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



21.2121, 0.4202, 0.3279



31.8698, 0.4577, 0.3278



30.6436, 0.3977, 0.3826



9.0140, 0.3286, 0.3288



7.0274, 0.6384, 0.3291



0.2484, 0.6317, 0.3254

Inverse Universe

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



21.2121, 0.4202, 0.3279



31.8698, 0.4577, 0.3278



26.7662, 0.2455, 0.2677



9.0140, 0.3286, 0.3288



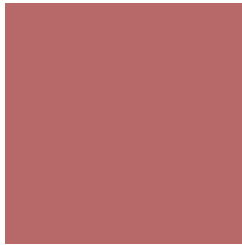
7.0274, 0.6384, 0.3291



0.2484, 0.6317, 0.3254

Previews

White Background



This preview shows how the Yxy color 21.2110, 0.4202, 0.3279 looks on a white background.

Color Contrast Check

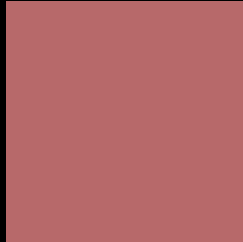
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2110, 0.4202, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

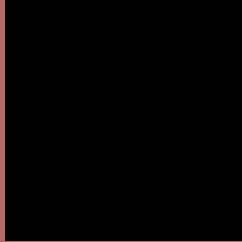
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2110, 0.4202, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 21.2110, 0.4202, 0.3279.



This preview shows how white text looks on a background with the Yxy color 21.2110, 0.4202, 0.3279.

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

21.2110, 0.4202, 0.3279

Protanopia

21.3686, 0.3300, 0.3471

Deuteranopia

21.1942, 0.3690, 0.3617



Tritanopia

21.1378, 0.4120, 0.3178

Trichromacy



Original Color

21.2110, 0.4202, 0.3279

Protanomaly

20.9652, 0.3615, 0.3393

Deuteranomaly

21.0673, 0.3879, 0.3486

Tritanomaly

21.0937, 0.4150, 0.3207

Monochromacy



Original Color

21.2110, 0.4202, 0.3279

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.0849, 0.3484, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2110, 0.4202, 0.3279 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(183, 105, 106)` looks like.

```
.text, #text, p{  
    color:rgb(183, 105, 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(183, 105, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 105, 106) }
```

Border

The CSS property to change the border of an element to Yxy 21.2110, 0.4202, 0.3279 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(183, 105, 106) }
```

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

```
.border{ border-color:rgb(183, 105, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 105, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 105, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 105, 106);  
box-shadow:4px 4px 4px 4px rgb(183, 105,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2110, 0.4202, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 105, 106) }
```

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

```
.background{ background-color: rgb(183,  
105, 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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