

Converting Colors

$Y_{xy}(20.9281, 0.4124, 0.3079)$

Have a look what the booklet for
Yxy(20.9281, 0.4124, 0.3079)
contains.

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Color

Yxy(21.0074, 0.4116, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	BA6574
RGB	186, 101, 116
RGB Percent	73%, 40%, 45%
CMY	0.2706, 0.6039, 0.5451
CMYK	0.00, 0.46, 0.38, 0.27
HSL	349°, 38%, 56%
HSV	349°, 46%, 73%
XYZ	28.0553, 21.0074, 19.0989
YIQ	128.1250, 45.8450, 22.6850

Conversions

Conversions Part 2

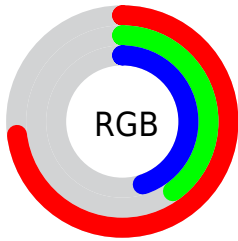
Format	Color
RYB	186, 101, 116
Decimal	12215668
CIELab	52.96, 35.68, 6.94
CIELCh	53, 36.349, 11.002
Yxy	21.0074, 0.4116, 0.3082
Android (android.graphics.Color)	4290405748 (0xFFBA6574)
YUV	128.1250, -5.9776, 50.7564
Hunter-Lab	45.8338, 29.0523, 7.3776

Details

The Yxy color **21.0074, 0.4116, 0.3082** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.8244, 0.2612, 0.3522**, and the grayscale version is **21.6420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1715, 0.3886, 0.3139**, and **7.5308, 0.4522, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **17.4683, 0.4469, 0.3046**, and if you desaturate by 10%, it is **25.4247, 0.3817, 0.3127**.

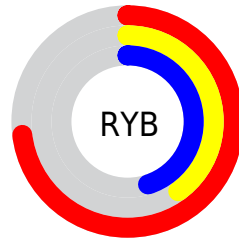
Distribution



Red (73%)

Green (40%)

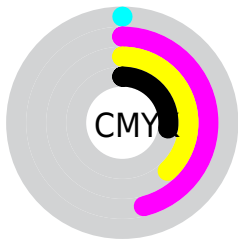
Blue (45%)



Red (73%)

Yellow (40%)

Blue (45%)

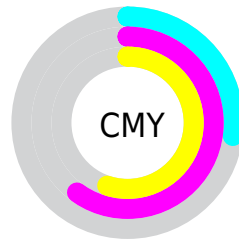


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (60%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.0074, 0.4116, 0.3082 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 21.0074, 0.4116, 0.3082 by changing the saturation by 10% instead.


 21.0074, 0.4116,
0.3082


 21.0074, 0.4116,
0.3082


257.3178, 0.3553,
0.3210


 13.1294, 0.4284,
0.3039


 45.0998, 0.3892,
0.3136

 7.5177, 0.4519,
0.2976


 62.0831, 0.3814,
0.3154

 3.7879, 0.4869,
0.2874

 82.8702, 0.3751,
0.3168

 1.5557, 0.5438,
0.2691

 107.8456, 0.3698,
0.3180

 0.3274, 0.7898,
0.2102

137.3937, 0.3653,
0.3189

 0.0000, 1.0000,
0.0000

171.8988, 0.3615,

 0.0000, 0.0000,

0.3197

0.0000

211.7454, 0.3582,
0.3204

■ 21.0074, 0.4116,
0.3082

■ 21.0074, 0.4116,
0.3082

■ 17.4683, 0.4469,
0.3046

■ 25.4247, 0.3817,
0.3127

■ 14.7456, 0.4868,
0.3026

■ 30.7703, 0.3570,
0.3174

■ 12.7742, 0.5289,
0.3029


■ 37.0943, 0.3368,
0.3221

■ 11.4780, 0.5689,
0.3064

■ 44.4423, 0.3206,
0.3266

■ 10.7619, 0.6018,
0.3127


■ 52.8570, 0.3074,
0.3308

 10.5476, 0.6135,
0.3153

 62.3788, 0.2967,
0.3346

 73.0457, 0.2880,
0.3381

 84.8943, 0.2809,
0.3412

 89.1061, 0.2737,
0.3301

Harmonies

Analogous

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



21.0074, 0.3503, 0.2655



21.0074, 0.4116, 0.3082



21.0074, 0.4432, 0.3578

Triad

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



21.0074, 0.4116, 0.3082



21.0074, 0.3309, 0.4474



21.0074, 0.2016, 0.2396

Complementary

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



21.0074, 0.4116, 0.3082



40.8244, 0.2612, 0.3522

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.



21.0074, 0.1977, 0.2782



21.0074, 0.4116, 0.3082



21.0074, 0.2681, 0.4078

Square

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



21.0074, 0.4116, 0.3082



21.0074, 0.3920, 0.4427



21.0074, 0.2204, 0.3403



21.0074, 0.2309, 0.2267

Rectangle

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



21.0074, 0.4116, 0.3082



21.0074, 0.4417, 0.3910



21.0074, 0.2204, 0.3403



21.0074, 0.1974, 0.2495

Sweetspot

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



21.0085, 0.4116, 0.3082



69.0681, 0.3342, 0.3228



21.4463, 0.2999, 0.2131



14.6149, 0.3381, 0.3218



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



21.0085, 0.4116, 0.3082



31.5416, 0.4477, 0.3045



26.7962, 0.4152, 0.3671



9.0374, 0.3261, 0.3250



7.1043, 0.6108, 0.3138



0.2584, 0.5450, 0.2776

Inverse Universe

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



21.0085, 0.4116, 0.3082



31.5416, 0.4477, 0.3045



31.1373, 0.2448, 0.2861



9.0374, 0.3261, 0.3250



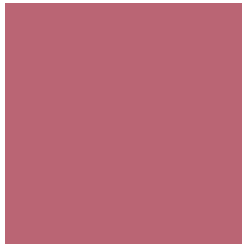
7.1043, 0.6108, 0.3138



0.2584, 0.5450, 0.2776

Previews

White Background



This preview shows how the Yxy color 21.0074, 0.4116, 0.3082 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 21.0074, 0.4116, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

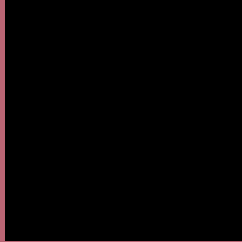
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0074, 0.4116, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 21.0074, 0.4116, 0.3082.



This preview shows how white text looks on a background with the Yxy color 21.0074, 0.4116, 0.3082.

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

21.0074, 0.4116, 0.3082

Protanopia

21.1226, 0.3107, 0.3218

Deuteranopia

21.0182, 0.3525, 0.3465



Tritanopia

20.9428, 0.4187, 0.3180

Trichromacy



Original Color

21.0074, 0.4116, 0.3082

Protanomaly

20.5928, 0.3442, 0.3156

Deuteranomaly

20.5978, 0.3741, 0.3308

Tritanomaly

20.9869, 0.4157, 0.3152

Monochromacy



Original Color

21.0074, 0.4116, 0.3082

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8017, 0.3452, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0074, 0.4116, 0.3082 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(186, 101, 116)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 101, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 101, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.0074, 0.4116, 0.3082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

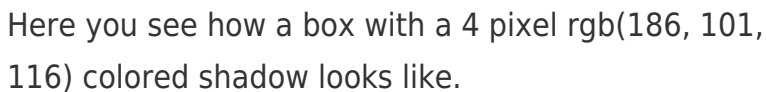
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 101, 116) }
```

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

```
.border{ border-color:rgb(186, 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(186, 101, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 101, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 101, 116); box-shadow:4px 4px 4px 4px rgb(186, 101, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0074, 0.4116, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 101, 116) }
```

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

```
.background{ background-color: rgb(186,  
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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