

Converting Colors

$Y_{xy}(22.8884, 0.4220, 0.3344)$

Have a look what the booklet for
Yxy(22.8884, 0.4220, 0.3344)
contains.

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Color

Yxy(22.9048, 0.4218, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	BC6E6B
RGB	188, 110, 107
RGB Percent	74%, 43%, 42%
CMY	0.2627, 0.5686, 0.5804
CMYK	0.00, 0.41, 0.43, 0.26
HSL	2°, 38%, 58%
HSV	2°, 43%, 74%
XYZ	28.9692, 22.9048, 16.8060
YIQ	132.9800, 47.4510, 15.6030

Conversions

Conversions Part 2

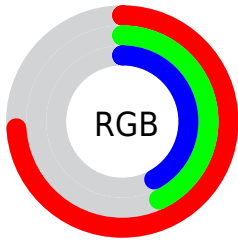
Format	Color
R_{YB}	188, 110, 107
Decimal	12349035
CIE Lab	54.97, 30.56, 15.09
CIE LCh	55, 34.085, 26.270
Yxy	22.9048, 0.4218, 0.3335
Android (android.graphics.Color)	4290539115 (0xFFBC6E6B)
YUV	132.9800, -12.8081, 48.2525
Hunter-Lab	47.8590, 24.2937, 12.6812

Details

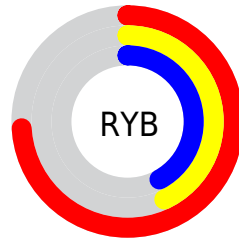
The Yxy color **22.9048, 0.4218, 0.3335** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.4567, 0.2542, 0.3243**, and the grayscale version is **23.4833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4372, 0.3982, 0.3347**, and **8.4635, 0.4651, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **19.0364, 0.4625, 0.3344**, and if you desaturate by 10%, it is **27.6596, 0.3873, 0.3324**.

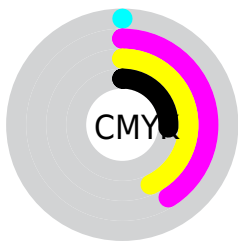
Distribution



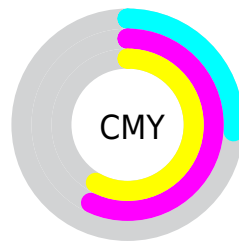
- Red (74%)
- Green (43%)
- Blue (42%)



- Red (74%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (43%)
- Black (26%)





- Cyan (26%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9048, 0.4218, 0.3335 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 22.9048, 0.4218, 0.3335 by changing the saturation by 10% instead.


 22.9048, 0.4218,
0.3335


 22.9048, 0.4218,
0.3335


267.2357, 0.3603,
0.3331


 14.5232, 0.4398,
0.3326


 48.2370, 0.3976,
0.3340

 8.4855, 0.4646,
0.3307


 65.9563, 0.3891,
0.3339

 4.4071, 0.5008,
0.3264

 87.5571, 0.3821,
0.3338

 1.9038, 0.5586,
0.3166

 113.4237, 0.3763,
0.3337

 0.5507, 0.7097,
0.2903

143.9404, 0.3713,
0.3335

 0.0000, 1.0000,
0.0000


179.4917, 0.3671,


 0.0000, 0.0000,


0.3334


0.0000


220.4620, 0.3635,
0.3332

 22.9048, 0.4218,
0.3335


 22.9048, 0.4218,
0.3335


 19.0364, 0.4625,
0.3344


 27.6596, 0.3873,
0.3324


 15.9965, 0.5079,
0.3349

 33.3473, 0.3590,
0.3313

 13.7255, 0.5544,
0.3348


 40.0152, 0.3361,
0.3303


 12.1546, 0.5957,
0.3340


 47.7066, 0.3176,
0.3293

 11.2027, 0.6249,
0.3325

 56.4618, 0.3028,
0.3284

 10.8424, 0.6375,
0.3321

 66.3194, 0.2908,
0.3276

 77.3157, 0.2810,
0.3268

 89.3295, 0.2741,
0.3287

 89.4314, 0.2742,
0.3289

Harmonies

Analogous

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



22.9048, 0.3776, 0.2896



22.9048, 0.4218, 0.3335



22.9048, 0.4324, 0.3800

Triad

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



22.9048, 0.4218, 0.3335



22.9048, 0.2999, 0.4224



22.9048, 0.2213, 0.2380

Complementary

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



22.9048, 0.4218, 0.3335



41.4567, 0.2542, 0.3243

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.



22.9048, 0.2055, 0.2618



22.9048, 0.4218, 0.3335



22.9048, 0.2474, 0.3706

Square

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



22.9048, 0.4218, 0.3335



22.9048, 0.3588, 0.4393



22.9048, 0.2142, 0.3090



22.9048, 0.2600, 0.2368

Rectangle

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



22.9048, 0.4218, 0.3335



22.9048, 0.4195, 0.4081



22.9048, 0.2142, 0.3090



22.9048, 0.2134, 0.2433

Sweetspot

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



22.9059, 0.4218, 0.3335



72.3503, 0.3364, 0.3303



24.7239, 0.3206, 0.2278



14.9508, 0.3410, 0.3305



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.



22.9059, 0.4218, 0.3335



34.6444, 0.4615, 0.3344



33.6310, 0.3966, 0.3885



9.5914, 0.3287, 0.3299



7.4062, 0.6368, 0.3325



0.3097, 0.6247, 0.3422

Inverse Universe

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



41.4567, 0.2542, 0.3243



72.7705, 0.2444, 0.3232



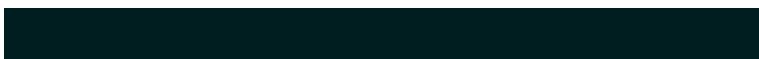
26.9482, 0.2435, 0.2600



10.7473, 0.2985, 0.3281



25.0099, 0.2215, 0.3175



0.9987, 0.2223, 0.3204

Previews

White Background



This preview shows how the Yxy color 22.9048, 0.4218, 0.3335 looks on a white background.

Color Contrast Check

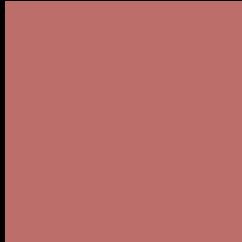
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9048, 0.4218, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

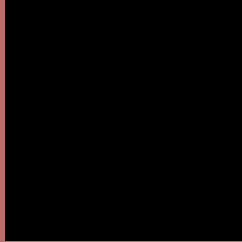
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9048, 0.4218, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 22.9048, 0.4218, 0.3335.



This preview shows how white text looks on a background with the Yxy color 22.9048, 0.4218, 0.3335.

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

22.9048, 0.4218, 0.3335

Protanopia

23.2138, 0.3350, 0.3535

Deuteranopia

23.0482, 0.3730, 0.3672



Tritanopia

23.0404, 0.4096, 0.3182

Trichromacy



Original Color

22.9048, 0.4218, 0.3335

Protanomaly

22.6981, 0.3647, 0.3455

Deuteranomaly

22.8017, 0.3902, 0.3543

Tritanomaly

22.9483, 0.4153, 0.3237

Monochromacy



Original Color

22.9048, 0.4218, 0.3335

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.8948, 0.3483, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9048, 0.4218, 0.3335 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(188, 110, 107)` looks like.

```
.text, #text, p{  
    color:rgb(188, 110, 107)  
}
```

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(188, 110, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 110, 107) }
```

Border

The CSS property to change the border of an element to Yxy 22.9048, 0.4218, 0.3335 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(188, 110, 107) }
```

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

```
.border{ border-color:rgb(188, 110, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 110, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 110, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 110, 107);  
box-shadow:4px 4px 4px 4px rgb(188, 110,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9048, 0.4218, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 110, 107) }
```

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

```
.background{ background-color: rgb(188,  
110, 107) }
```

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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