

Converting Colors

$Y_{xy}(28.3097, 0.3674, 0.3161)$

Have a look what the booklet for
Yxy(28.3097, 0.3674, 0.3161)
contains.

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Color

Yxy(28.2684, 0.3683, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	BA828B
RGB	186, 130, 139
RGB Percent	73%, 51%, 55%
CMY	0.2705, 0.4902, 0.4549
CMYK	0.00, 0.30, 0.25, 0.27
HSL	350°, 29%, 62%
HSV	350°, 30%, 73%
XYZ	32.8950, 28.2684, 28.1523
YIQ	147.7700, 30.4870, 14.6710

Conversions

Conversions Part 2

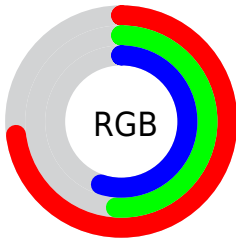
Format	Color
RYB	186, 130, 139
Decimal	12223115
CIELab	60.13, 22.90, 3.85
CIELCh	60, 23.221, 9.534
Yxy	28.2684, 0.3683, 0.3165
Android (android.graphics.Color)	4290413195 (0xFFBA828B)
YUV	147.7700, -4.3236, 33.5277
Hunter-Lab	53.1680, 17.3935, 5.8238

Details

The Yxy color **28.2684, 0.3683, 0.3165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0424, 0.2758, 0.3421**, and the grayscale version is **29.5233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7274, 0.3570, 0.3194**, and **11.3641, 0.3892, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **23.3364, 0.3958, 0.3123**, and if you desaturate by 10%, it is **34.1627, 0.3458, 0.3208**.

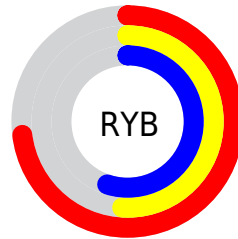
Distribution



Red (73%)

Green (51%)

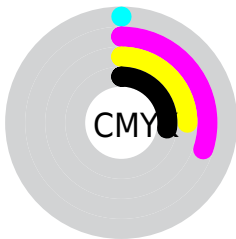
Blue (55%)



Red (73%)

Yellow (51%)

Blue (55%)

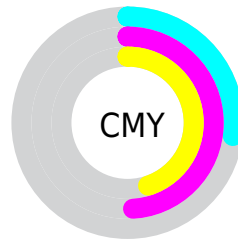


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2684, 0.3683, 0.3165 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 28.2684, 0.3683, 0.3165 by changing the saturation by 10% instead.


 28.2684, 0.3683,
0.3165


 28.2684, 0.3683,
0.3165


293.7472, 0.3380,
0.3236


 18.5281, 0.3768,
0.3144


 56.9127, 0.3567,
0.3193

 11.3298, 0.3883,
0.3114


 76.5854, 0.3525,
0.3203

 6.2891, 0.4048,
0.3071


 100.3378, 0.3490,
0.3211

 3.0217, 0.4303,
0.3000

128.5541, 0.3461,
0.3218

 1.1431, 0.4746,
0.2866

161.6188, 0.3437,
0.3223

 0.0144, 0.9754,
0.0246

199.9163, 0.3415,

 0.0000, 0.0000,

0.3228

0.0000

243.8310, 0.3397,
0.3232

■ 28.2684, 0.3683,
0.3165

■ 28.2684, 0.3683,
0.3165

■ 23.3364, 0.3958,
0.3123

■ 34.1627, 0.3458,
0.3208

■ 19.3118, 0.4288,
0.3085

■ 41.0624, 0.3276,
0.3250

■ 16.1401, 0.4671,
0.3058


■ 49.0130, 0.3129,
0.3290

■ 13.7595, 0.5091,
0.3050


■ 58.0559, 0.3010,
0.3326


■ 12.0998, 0.5514,
0.3067


■ 68.2304, 0.2913,
0.3359

 11.0781, 0.5889,
0.3113

 79.5737, 0.2834,
0.3389

 10.5338, 0.6171,
0.3173

 88.7545, 0.2764,
0.3361

 89.1805, 0.2731,
0.3289

Harmonies

Analogous

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



28.2684, 0.3334, 0.2894



28.2684, 0.3683, 0.3165



28.2684, 0.3877, 0.3478

Triad

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



28.2684, 0.3683, 0.3165



28.2684, 0.3273, 0.3954



28.2684, 0.2445, 0.2773

Complementary

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



28.2684, 0.3683, 0.3165



43.0424, 0.2758, 0.3421

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.



28.2684, 0.2432, 0.3028



28.2684, 0.3683, 0.3165



28.2684, 0.2895, 0.3742

Square

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



28.2684, 0.3683, 0.3165



28.2684, 0.3626, 0.3953



28.2684, 0.2591, 0.3387



28.2684, 0.2626, 0.2668

Rectangle

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



28.2684, 0.3683, 0.3165



28.2684, 0.3885, 0.3677



28.2684, 0.2591, 0.3387



28.2684, 0.2421, 0.2842

Sweetspot

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



28.2697, 0.3683, 0.3165



75.7225, 0.3260, 0.3254



28.8196, 0.3064, 0.2530



16.2404, 0.3284, 0.3248



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.



28.2697, 0.3683, 0.3165



45.2448, 0.3855, 0.3137



33.4425, 0.3715, 0.3552



9.0352, 0.3263, 0.3253



7.0934, 0.6145, 0.3159



0.2575, 0.5518, 0.2814

Inverse Universe

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



28.2697, 0.3683, 0.3165



45.2448, 0.3855, 0.3137



36.0535, 0.2668, 0.3011



9.0352, 0.3263, 0.3253



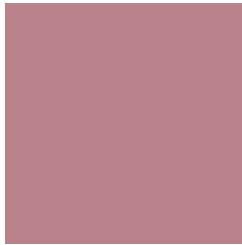
7.0934, 0.6145, 0.3159



0.2575, 0.5518, 0.2814

Previews

White Background



This preview shows how the Yxy color 28.2684, 0.3683, 0.3165 looks on a white background.

Color Contrast Check

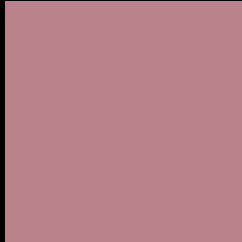
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2684, 0.3683, 0.3165 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 28.2684, 0.3683, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 28.2684, 0.3683, 0.3165.



This preview shows how white text looks on a background with the Yxy color 28.2684, 0.3683, 0.3165.

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

28.2684, 0.3683, 0.3165

Protanopia

28.5604, 0.3129, 0.3258

Deuteranopia

28.2437, 0.3402, 0.3337



Tritanopia

28.2978, 0.3671, 0.3151

Trichromacy



Original Color

28.2684, 0.3683, 0.3165

Protanomaly

28.3469, 0.3316, 0.3229

Deuteranomaly

28.1012, 0.3503, 0.3261

Tritanomaly

28.2978, 0.3671, 0.3151

Monochromacy



Original Color

28.2684, 0.3683, 0.3165

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7755, 0.3315, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2684, 0.3683, 0.3165 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, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 139)  
}
```

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, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 139) }
```

Border

The CSS property to change the border of an element to Yxy 28.2684, 0.3683, 0.3165 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, 130, 139) }
```

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

```
.border{ border-color:rgb(186, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 130, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 130, 139); box-shadow:4px 4px 4px 4px rgb(186, 130, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2684, 0.3683, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 139) }
```

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

```
.background{ background-color: rgb(186,  
130, 139) }
```

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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