

Converting Colors

$Y_{xy}(30.4359, 0.3686, 0.3219)$

Have a look what the booklet for
Yxy(30.4359, 0.3686, 0.3219)
contains.

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Color

Yxy(30.4786, 0.3685, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	BE888D
RGB	190, 136, 141
RGB Percent	75%, 53%, 55%
CMY	0.2549, 0.4667, 0.4471
CMYK	0.00, 0.28, 0.26, 0.25
HSL	354°, 29%, 64%
HSV	354°, 28%, 75%
XYZ	34.8475, 30.4786, 29.2398
YIQ	152.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

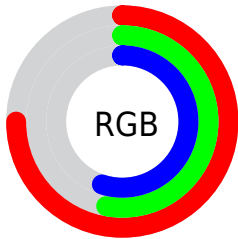
Format	Color
R _Y B	190, 136, 141
Decimal	12486797
CIE Lab	62.06, 21.37, 5.56
CIE LCh	62, 22.086, 14.585
Yxy	30.4786, 0.3685, 0.3223
Android (android.graphics.Color)	4290676877 (0xFFBE888D)
YUV	152.7160, -5.7760, 32.6981
Hunter-Lab	55.2074, 16.0582, 7.2431

Details

The Yxy color **30.4786, 0.3685, 0.3223** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5685, 0.2752, 0.3360**, and the grayscale version is **31.7416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5412, 0.3563, 0.3238**, and **12.5618, 0.3871, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **25.1199, 0.3976, 0.3199**, and if you desaturate by 10%, it is **36.8688, 0.3449, 0.3248**.

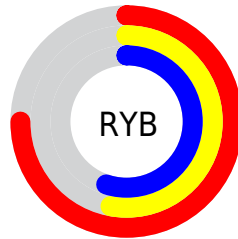
Distribution



Red (75%)

Green (53%)

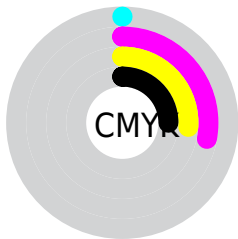
Blue (55%)



Red (75%)

Yellow (53%)

Blue (55%)

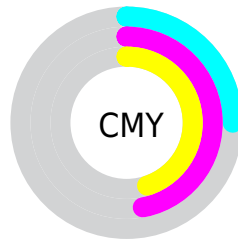


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4786, 0.3685, 0.3223 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 30.4786, 0.3685, 0.3223 by changing the saturation by 10% instead.


 30.4786, 0.3685,
0.3223


 30.4786, 0.3685,
0.3223


304.1290, 0.3384,
0.3263

 20.2021, 0.3768,
0.3210


 60.4182, 0.3570,
0.3239

 12.5421, 0.3880,
0.3192


 80.8502, 0.3529,
0.3245

 7.1140, 0.4038,
0.3165


 105.4361, 0.3494,
0.3250

 3.5335, 0.4279,
0.3118

134.5604, 0.3465,
0.3253

 1.4162, 0.4688,
0.3027

168.6075, 0.3441,
0.3256

 0.2286, 0.7638,
0.2362


207.9616, 0.3419,


 0.0000, 0.0000,


0.3259


0.0000

253.0073, 0.3401,
0.3261

 30.4786, 0.3685,
0.3223


 30.4786, 0.3685,
0.3223


 25.1199, 0.3976,
0.3199

 36.8688, 0.3449,
0.3248


 20.7347, 0.4327,
0.3178


 44.3362, 0.3258,
0.3271

 17.2656, 0.4735,
0.3163

 52.9286, 0.3105,
0.3293

 14.6477, 0.5182,
0.3159

 62.6902, 0.2982,
0.3314

 12.8074, 0.5625,
0.3172

 73.6623, 0.2882,
0.3332

■ 11.6586, 0.6005,
0.3202

■ 85.8845, 0.2801,
0.3349

■ 11.0646, 0.6267,
0.3241

■ 89.6881, 0.2752,
0.3289

■ 10.9903, 0.6299,
0.3244

Harmonies

Analogous

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



30.4786, 0.3380, 0.2958



30.4786, 0.3685, 0.3223



30.4786, 0.3832, 0.3516

Triad

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



30.4786, 0.3685, 0.3223



30.4786, 0.3204, 0.3883



30.4786, 0.2509, 0.2783

Complementary

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



30.4786, 0.3685, 0.3223



45.5685, 0.2752, 0.3360

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.



30.4786, 0.2470, 0.3000



30.4786, 0.3685, 0.3223



30.4786, 0.2858, 0.3658

Square

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



30.4786, 0.3685, 0.3223



30.4786, 0.3542, 0.3918



30.4786, 0.2593, 0.3322



30.4786, 0.2704, 0.2708

Rectangle

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



30.4786, 0.3685, 0.3223



30.4786, 0.3818, 0.3696



30.4786, 0.2593, 0.3322



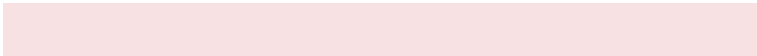
30.4786, 0.2478, 0.2840

Sweetspot

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



30.4800, 0.3685, 0.3223



79.2901, 0.3271, 0.3270



31.5928, 0.3105, 0.2581



16.9504, 0.3297, 0.3266



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.4800, 0.3685, 0.3223



49.0621, 0.3856, 0.3208



37.0449, 0.3662, 0.3585



9.5503, 0.3274, 0.3269



7.3126, 0.6280, 0.3233



0.2913, 0.5878, 0.3012

Inverse Universe

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



30.4800, 0.3685, 0.3223



49.0621, 0.3856, 0.3208



37.1079, 0.2688, 0.2975



9.5503, 0.3274, 0.3269



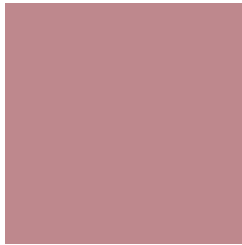
7.3126, 0.6280, 0.3233



0.2913, 0.5878, 0.3012

Previews

White Background



This preview shows how the Yxy color 30.4786, 0.3685, 0.3223 looks on a white background.

Color Contrast Check

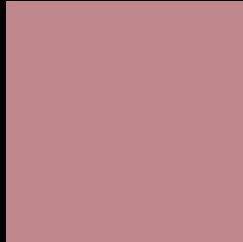
Large Text (above 18pt) WCAG AA × Fail

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 30.4786, 0.3685, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

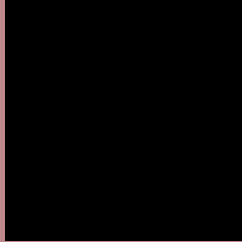
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4786, 0.3685, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 30.4786, 0.3685, 0.3223.



This preview shows how white text looks on a background with the Yxy color 30.4786, 0.3685, 0.3223.

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

30.4786, 0.3685, 0.3223

Protanopia

30.7549, 0.3167, 0.3306

Deuteranopia

30.5499, 0.3446, 0.3380



Tritanopia

30.4796, 0.3642, 0.3141

Trichromacy



Original Color

30.4786, 0.3685, 0.3223

Protanomaly

30.4331, 0.3341, 0.3276

Deuteranomaly

30.5866, 0.3532, 0.3320

Tritanomaly

30.4179, 0.3665, 0.3168

Monochromacy



Original Color

30.4786, 0.3685, 0.3223

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.1444, 0.3307, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4786, 0.3685, 0.3223 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(190, 136, 141)` looks like.

```
.text, #text, p{  
    color:rgb(190, 136, 141)  
}
```

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(190, 136, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 136, 141) }
```

Border

The CSS property to change the border of an element to Yxy 30.4786, 0.3685, 0.3223 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(190, 136, 141) }
```

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

```
.border{ border-color:rgb(190, 136, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 136, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 136, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 136, 141);  
box-shadow:4px 4px 4px 4px rgb(190, 136,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4786, 0.3685, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 136, 141) }
```

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

```
.background{ background-color: rgb(190,  
136, 141) }
```

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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