

Converting Colors

$Y_{xy}(28.3770, 0.3849, 0.3264)$

Have a look what the booklet for
Yxy(28.3770, 0.3849, 0.3264)
contains.

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Color

Yxy(28.4156, 0.3841, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BF8183
RGB	191, 129, 131
RGB Percent	75%, 51%, 51%
CMY	0.2510, 0.4941, 0.4864
CMYK	0.00, 0.32, 0.31, 0.25
HSL	358°, 33%, 63%
HSV	358°, 32%, 75%
XYZ	33.4286, 28.4156, 25.1868
YIQ	147.7660, 36.3100, 13.7660

Conversions

Conversions Part 2

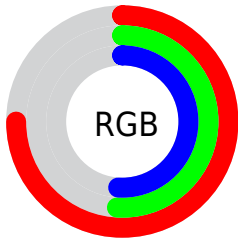
Format	Color
R_{YB}	191, 129, 131
Decimal	12550531
CIE Lab	60.26, 24.22, 8.71
CIE LCh	60, 25.739, 19.789
Yxy	28.4156, 0.3841, 0.3265
Android (android.graphics.Color)	4290740611 (0xFFBF8183)
YUV	147.7660, -8.2656, 37.9162
Hunter-Lab	53.3063, 18.6521, 9.3004

Details

The Yxy color **28.4156, 0.3841, 0.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5983, 0.2682, 0.3317**, and the grayscale version is **29.5357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0563, 0.3694, 0.3270**, and **11.4354, 0.4096, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **23.3889, 0.4179, 0.3258**, and if you desaturate by 10%, it is **34.4749, 0.3565, 0.3273**.

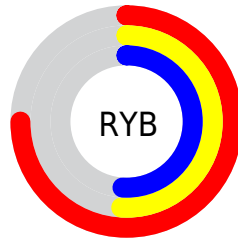
Distribution



Red (75%)

Green (51%)

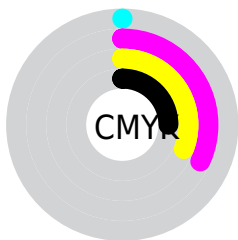
Blue (51%)



Red (75%)

Yellow (51%)

Blue (51%)

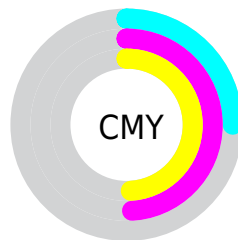


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4156, 0.3841, 0.3265 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 28.4156, 0.3841, 0.3265 by changing the saturation by 10% instead.


 28.4156, 0.3841,
0.3265


 28.4156, 0.3841,
0.3265


294.4475, 0.3451,
0.3287


 18.6392, 0.3950,
0.3256


 57.1473, 0.3691,
0.3275

 11.4099, 0.4099,
0.3241


 76.8713, 0.3637,
0.3279

 6.3432, 0.4310,
0.3215


 100.6801, 0.3593,
0.3281

 3.0549, 0.4636,
0.3166

128.9579, 0.3555,
0.3283

 1.1605, 0.5246,
0.3085

162.0891, 0.3524,
0.3284

 0.0290, 0.9552,
0.0448


200.4582, 0.3496,


 0.0000, 0.0000,


0.3285


0.0000


244.4495, 0.3472,
0.3286


 28.4156, 0.3841,
0.3265


 28.4156, 0.3841,
0.3265


 23.3889, 0.4179,
0.3258


 34.4749, 0.3565,
0.3273


 19.3335, 0.4580,
0.3252

 41.6154, 0.3343,
0.3281


 16.1877, 0.5033,
0.3250

 49.8879, 0.3165,
0.3288

 13.8816, 0.5502,
0.3253

 59.3385, 0.3022,
0.3295

 12.3346, 0.5924,
0.3262

 70.0108, 0.2907,
0.3302

■ 11.4505, 0.6230,
0.3277

■ 81.9462, 0.2814,
0.3307

■ 11.0876, 0.6369,
0.3282

■ 89.8144, 0.2757,
0.3289

Harmonies

Analogous

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



28.4156, 0.3499, 0.2947



28.4156, 0.3841, 0.3265



28.4156, 0.3976, 0.3608

Triad

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



28.4156, 0.3841, 0.3265



28.4156, 0.3140, 0.3975



28.4156, 0.2425, 0.2661

Complementary

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



28.4156, 0.3841, 0.3265



45.5983, 0.2682, 0.3317

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.



28.4156, 0.2346, 0.2884



28.4156, 0.3841, 0.3265



28.4156, 0.2741, 0.3668

Square

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



28.4156, 0.3841, 0.3265



28.4156, 0.3553, 0.4052



28.4156, 0.2456, 0.3252



28.4156, 0.2680, 0.2607

Rectangle

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



28.4156, 0.3841, 0.3265



28.4156, 0.3927, 0.3814



28.4156, 0.2456, 0.3252



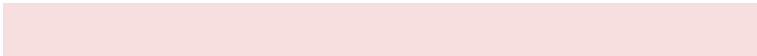
28.4156, 0.2378, 0.2716

Sweetspot

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



28.4170, 0.3841, 0.3265



77.7569, 0.3299, 0.3283



30.2739, 0.3143, 0.2490



16.6338, 0.3326, 0.3281



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.



28.4170, 0.3841, 0.3265



44.2645, 0.4077, 0.3260



37.0910, 0.3740, 0.3683



9.5411, 0.3283, 0.3283



7.2902, 0.6360, 0.3278



0.2873, 0.6208, 0.3194

Inverse Universe

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



28.4170, 0.3841, 0.3265



44.2645, 0.4077, 0.3260



34.2930, 0.2617, 0.2859



9.5411, 0.3283, 0.3283



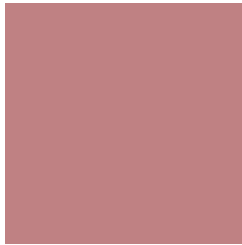
7.2902, 0.6360, 0.3278



0.2873, 0.6208, 0.3194

Previews

White Background



This preview shows how the Yxy color 28.4156, 0.3841, 0.3265 looks on a white background.

Color Contrast Check

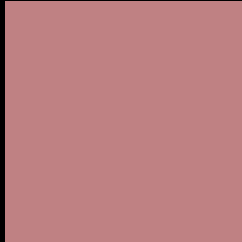
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4156, 0.3841, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

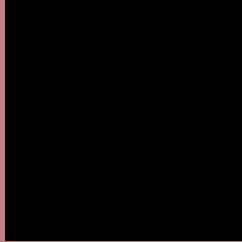
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4156, 0.3841, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 28.4156, 0.3841, 0.3265.



This preview shows how white text looks on a background with the Yxy color 28.4156, 0.3841, 0.3265.

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

28.4156, 0.3841, 0.3265

Protanopia

28.6283, 0.3230, 0.3370

Deuteranopia

28.4481, 0.3534, 0.3459



Tritanopia

28.4798, 0.3771, 0.3155

Trichromacy



Original Color

28.4156, 0.3841, 0.3265

Protanomaly

28.2707, 0.3438, 0.3321

Deuteranomaly

28.3340, 0.3640, 0.3380

Tritanomaly

28.3941, 0.3808, 0.3196

Monochromacy



Original Color

28.4156, 0.3841, 0.3265

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8953, 0.3369, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4156, 0.3841, 0.3265 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(191, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 131)  
}
```

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(191, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.4156, 0.3841, 0.3265 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(191, 129, 131) }
```

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

```
.border{ border-color:rgb(191, 129, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(191, 129,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4156, 0.3841, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 131) }
```

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

```
.background{ background-color: rgb(191,  
129, 131) }
```

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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