

Converting Colors

$Y_{xy}(28.9421, 0.3794, 0.3277)$

Have a look what the booklet for
Yxy(28.9421, 0.3794, 0.3277)
contains.

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Color

Yxy(29.1431, 0.3793, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BE8485 |
| RGB | 190, 132, 133 |
| RGB Percent | 75%, 52%, 52% |
| CMY | 0.2549, 0.4823, 0.4784 |
| CMYK | 0.00, 0.31, 0.30, 0.25 |
| HSL | 359°, 31%, 63% |
| HSV | 359°, 31%, 75% |
| XYZ | 33.7217, 29.1431, 26.0403 |
| YIQ | 149.4560, 34.2470, 12.6070 |

Conversions

Conversions Part 2

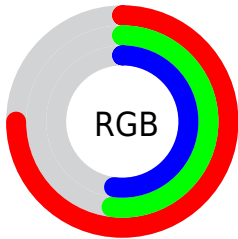
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 190, 132, 133 |
| Decimal | 12485765 |
| CIE _{Lab} | 60.91, 22.47, 8.46 |
| CIE _{LCh} | 61, 24.005, 20.625 |
| Yxy | 29.1431, 0.3793, 0.3278 |
| Android (android.graphics.Color) | 4290675845 (0xFFBE8485) |
| YUV | 149.4560, -8.1128, 35.5571 |
| Hunter-Lab | 53.9843, 17.0287, 9.1895 |

Details

The Yxy color **29.1431, 0.3793, 0.3278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4098, 0.2700, 0.3303**, and the grayscale version is **30.2820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0173, 0.3651, 0.3281**, and **11.8256, 0.4021, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **23.9809, 0.4123, 0.3274**, and if you desaturate by 10%, it is **35.3383, 0.3524, 0.3282**.

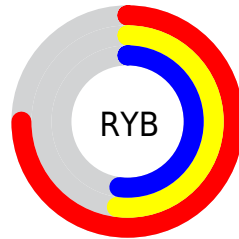
Distribution



Red (75%)

Green (52%)

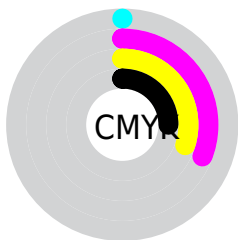
Blue (52%)



Red (75%)

Yellow (52%)

Blue (52%)

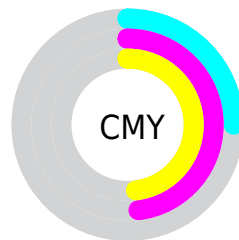


Cyan (0%)

Magenta (31%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1431, 0.3793, 0.3278 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 29.1431, 0.3793, 0.3278 by changing the saturation by 10% instead.

 29.1431, 0.3793,
0.3278


 29.1431, 0.3793,
0.3278


297.8895, 0.3431,
0.3292


 19.1891, 0.3894,
0.3271


 58.3044, 0.3654,
0.3285

 11.8070, 0.4031,
0.3260


 78.2804, 0.3604,
0.3287

 6.6124, 0.4225,
0.3241


 102.3660, 0.3563,
0.3289

 3.2209, 0.4524,
0.3202

130.9454, 0.3528,
0.3290

 1.2481, 0.5058,
0.3128

164.4030, 0.3498,
0.3290

 0.1005, 0.8650,
0.1350


203.1233, 0.3473,


 0.0000, 0.0000,


0.3291


0.0000


247.4907, 0.3451,
0.3291


 29.1431, 0.3793,
0.3278


 29.1431, 0.3793,
0.3278


 23.9809, 0.4123,
0.3274


 35.3383, 0.3524,
0.3282


 19.7917, 0.4519,
0.3272

 42.6139, 0.3308,
0.3286


 16.5158, 0.4969,
0.3271

 51.0196, 0.3135,
0.3290

 14.0850, 0.5442,
0.3273


 60.6005, 0.2997,
0.3293

 12.4219, 0.5878,
0.3278

 71.3996, 0.2885,
0.3297

 11.4346, 0.6203,
0.3286

 83.4574, 0.2794,
0.3300

 10.9553, 0.6383,
0.3290

 89.6881, 0.2752,
0.3289

Harmonies

Analogous

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



29.1431, 0.3482, 0.2979



29.1431, 0.3793, 0.3278



29.1431, 0.3912, 0.3597

Triad

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



29.1431, 0.3793, 0.3278



29.1431, 0.3130, 0.3914



29.1431, 0.2479, 0.2703

Complementary

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



29.1431, 0.3793, 0.3278



45.4098, 0.2700, 0.3303

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.



29.1431, 0.2401, 0.2908



29.1431, 0.3793, 0.3278



29.1431, 0.2761, 0.3628

Square

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



29.1431, 0.3793, 0.3278



29.1431, 0.3513, 0.3995



29.1431, 0.2499, 0.3246



29.1431, 0.2722, 0.2655

Rectangle

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



29.1431, 0.3793, 0.3278



29.1431, 0.3864, 0.3786



29.1431, 0.2499, 0.3246



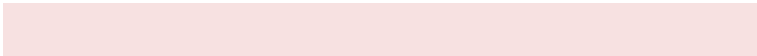
29.1431, 0.2434, 0.2754

Sweetspot

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



29.1445, 0.3793, 0.3278



79.1983, 0.3282, 0.3287



30.9215, 0.3142, 0.2537



16.9275, 0.3310, 0.3286



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.



29.1445, 0.3793, 0.3278



46.0066, 0.4020, 0.3275



37.4346, 0.3696, 0.3659



9.5390, 0.3286, 0.3286



7.2853, 0.6379, 0.3288



0.2863, 0.6293, 0.3240

Inverse Universe

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



29.1445, 0.3793, 0.3278



46.0066, 0.4020, 0.3275



34.7958, 0.2648, 0.2889



9.5390, 0.3286, 0.3286



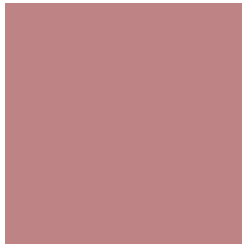
7.2853, 0.6379, 0.3288



0.2863, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 29.1431, 0.3793, 0.3278 looks on a white background.

Color Contrast Check

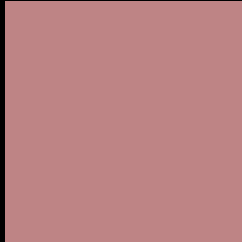
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1431, 0.3793, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

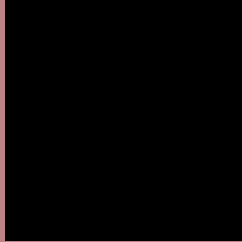
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1431, 0.3793, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 29.1431, 0.3793, 0.3278.



This preview shows how white text looks on a background with the Yxy color 29.1431, 0.3793, 0.3278.

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

29.1431, 0.3793, 0.3278

Protanopia

29.3698, 0.3228, 0.3385

Deuteranopia

29.2002, 0.3518, 0.3458



Tritanopia

29.2321, 0.3713, 0.3154

Trichromacy



Original Color

29.1431, 0.3793, 0.3278

Protanomaly

29.1803, 0.3420, 0.3352

Deuteranomaly

28.9569, 0.3610, 0.3380

Tritanomaly

29.1439, 0.3749, 0.3196

Monochromacy



Original Color

29.1431, 0.3793, 0.3278

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5206, 0.3354, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1431, 0.3793, 0.3278 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, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 133)  
}
```

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, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 133) }
```

Border

The CSS property to change the border of an element to Yxy 29.1431, 0.3793, 0.3278 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, 132, 133) }
```

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

```
.border{ border-color:rgb(190, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(190, 132,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1431, 0.3793, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 133) }
```

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

```
.background{ background-color: rgb(190,  
132, 133) }
```

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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