

Converting Colors

$Y_{xy}(28.8915, 0.3476, 0.3071)$

Have a look what the booklet for
Yxy(28.8915, 0.3476, 0.3071)
contains.

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Color

Yxy(28.9234, 0.3487, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	B48695
RGB	180, 134, 149
RGB Percent	71%, 53%, 58%
CMY	0.2940, 0.4745, 0.4156
CMYK	0.00, 0.26, 0.17, 0.29
HSL	340°, 23%, 62%
HSV	340°, 26%, 71%
XYZ	32.7773, 28.9234, 32.2980
YIQ	149.4640, 22.6010, 14.4170

Conversions

Conversions Part 2

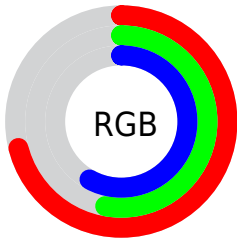
Format	Color
RYB	180, 134, 149
Decimal	11830933
CIELab	60.71, 19.97, -1.12
CIElCh	61, 19.997, 356.795
Yxy	28.9234, 0.3487, 0.3077
Android (android.graphics.Color)	4290021013 (0xFFB48695)
YUV	149.4640, -0.2288, 26.7801
Hunter-Lab	53.7805, 14.6738, 2.0396

Details

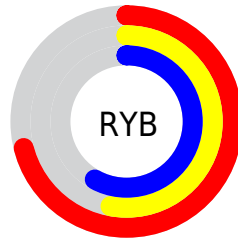
The Yxy color $28.9234, 0.3487, 0.3077$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $40.4354, 0.2864, 0.3515$, and the grayscale version is $30.2559, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6853, 0.3411, 0.3116$, and $11.6581, 0.3612, 0.3012$ is the 20% darker color. If you saturate the color by 10%, you get $23.9977, 0.3685, 0.2989$, and if you desaturate by 10%, it is $34.7391, 0.3324, 0.3164$.

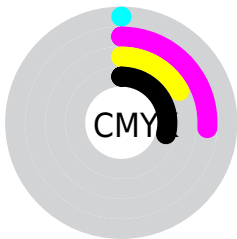
Distribution



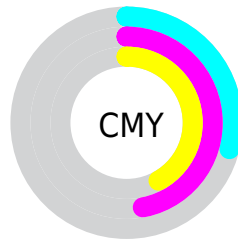
- Red (71%)
- Green (53%)
- Blue (58%)



- Red (71%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (29%)




- Cyan (29%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9234, 0.3487, 0.3077 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 28.9234, 0.3487, 0.3077 by changing the saturation by 10% instead.


 28.9234, 0.3487,
0.3077


 28.9234, 0.3487,
0.3077


296.8534, 0.3293,
0.3191

 19.0229, 0.3541,
0.3046


 57.9554, 0.3413,
0.3121

 11.6868, 0.3613,
0.3003


 77.8556, 0.3386,
0.3136

 6.5308, 0.3716,
0.2944


 101.8579, 0.3364,
0.3149

 3.1704, 0.3873,
0.2853

130.3465, 0.3345,
0.3160

 1.2214, 0.4144,
0.2699

163.7060, 0.3330,
0.3170

 0.0790, 0.6981,
0.0981


202.3207, 0.3316,


 0.0000, 0.0000,

0.3178


0.0000


246.5751, 0.3304,
0.3185

 28.9234, 0.3487,
0.3077

 28.9234, 0.3487,
0.3077


 23.9977, 0.3685,
0.2989

 34.7391, 0.3324,
0.3164


 19.9140, 0.3921,
0.2905


 41.4819, 0.3191,
0.3246

 16.6256, 0.4200,
0.2832


 49.1915, 0.3082,
0.3324

 14.0797, 0.4516,
0.2779


 57.9042, 0.2992,
0.3395


 12.2172, 0.4858,
0.2760


 67.6545, 0.2919,
0.3460


 10.9695, 0.5205,
0.2784


 78.4750, 0.2859,
0.3520

 10.2510, 0.5527,
0.2855

 87.1601, 0.2805,
0.3522

 10.0194, 0.5662,
0.2893

 87.8806, 0.2745,
0.3386

 88.4459, 0.2701,
0.3289

Harmonies

Analogous

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



28.9234, 0.3163, 0.2870



28.9234, 0.3487, 0.3077



28.9234, 0.3717, 0.3340

Triad

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



28.9234, 0.3487, 0.3077



28.9234, 0.3391, 0.3876



28.9234, 0.2515, 0.2928

Complementary

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



28.9234, 0.3487, 0.3077



40.4354, 0.2864, 0.3515

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.



28.9234, 0.2570, 0.3193



28.9234, 0.3487, 0.3077



28.9234, 0.3065, 0.3769

Square

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



28.9234, 0.3487, 0.3077



28.9234, 0.3655, 0.3807



28.9234, 0.2767, 0.3509



28.9234, 0.2613, 0.2777

Rectangle

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



28.9234, 0.3487, 0.3077



28.9234, 0.3779, 0.3520



28.9234, 0.2767, 0.3509



28.9234, 0.2516, 0.3006

Sweetspot

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



28.9247, 0.3487, 0.3077



71.8916, 0.3222, 0.3226



28.3093, 0.2997, 0.2634



15.1351, 0.3242, 0.3213



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



28.9247, 0.3487, 0.3077



46.9195, 0.3600, 0.3025



30.6732, 0.3632, 0.3402



8.5495, 0.3238, 0.3216



7.0022, 0.5630, 0.2875



0.2313, 0.4832, 0.2435

Inverse Universe

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



28.9247, 0.3487, 0.3077



46.9195, 0.3600, 0.3025



38.0025, 0.2748, 0.3175



8.5495, 0.3238, 0.3216



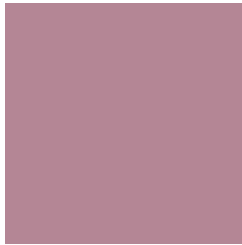
7.0022, 0.5630, 0.2875



0.2313, 0.4832, 0.2435

Previews

White Background



This preview shows how the Yxy color 28.9234, 0.3487, 0.3077 looks on a white background.

Color Contrast Check

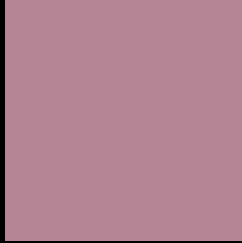
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9234, 0.3487, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

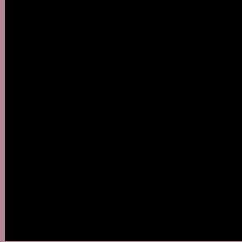
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9234, 0.3487, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 28.9234, 0.3487, 0.3077.



This preview shows how white text looks on a background with the Yxy color 28.9234, 0.3487, 0.3077.

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

28.9234, 0.3487, 0.3077

Protanopia

29.1611, 0.3042, 0.3134

Deuteranopia

28.9577, 0.3261, 0.3199



Tritanopia

29.0756, 0.3530, 0.3148

Trichromacy



Original Color

28.9234, 0.3487, 0.3077

Protanomaly

29.0168, 0.3199, 0.3123

Deuteranomaly

28.8188, 0.3342, 0.3156

Tritanomaly

29.1066, 0.3518, 0.3134

Monochromacy



Original Color

28.9234, 0.3487, 0.3077

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5900, 0.3248, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9234, 0.3487, 0.3077 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(180, 134, 149)` looks like.

```
.text, #text, p{  
    color:rgb(180, 134, 149)  
}
```

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(180, 134, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 134, 149) }
```

Border

The CSS property to change the border of an element to Yxy 28.9234, 0.3487, 0.3077 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(180, 134, 149) }
```

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

```
.border{ border-color:rgb(180, 134, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 134, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 134, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 134, 149);  
box-shadow:4px 4px 4px 4px rgb(180, 134,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9234, 0.3487, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 134, 149) }
```

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

```
.background{ background-color: rgb(180,  
134, 149) }
```

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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