

Converting Colors

$Y_{xy}(30.7930, 0.3586, 0.3364)$

Have a look what the booklet for
Yxy(30.7930, 0.3586, 0.3364)
contains.

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Color

Yxy(30.7359, 0.3587, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	B38E89
RGB	179, 142, 137
RGB Percent	70%, 56%, 54%
CMY	0.2980, 0.4432, 0.4627
CMYK	0.00, 0.21, 0.23, 0.30
HSL	7°, 22%, 62%
HSV	7°, 23%, 70%
XYZ	32.7831, 30.7359, 27.8753
YIQ	152.4930, 23.6570, 6.2890

Conversions

Conversions Part 2

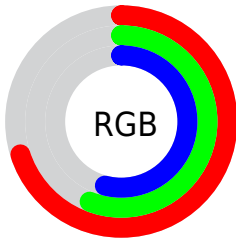
Format	Color
RYB	179, 143, 137
Decimal	11767433
CIELab	62.28, 13.22, 7.98
CIELCh	62, 15.440, 31.114
Yxy	30.7359, 0.3587, 0.3363
Android (android.graphics.Color)	4289957513 (0xFFB38E89)
YUV	152.4930, -7.6380, 23.2466
Hunter-Lab	55.4400, 8.5319, 8.9969

Details

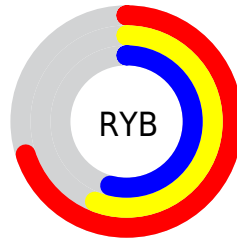
The Yxy color **30.7359, 0.3587, 0.3363** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8617, 0.2780, 0.3216**, and the grayscale version is **31.6513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8597, 0.3492, 0.3357**, and **12.7780, 0.3757, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **25.8981, 0.3858, 0.3396**, and if you desaturate by 10%, it is **36.3264, 0.3364, 0.3331**.

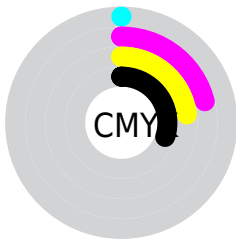
Distribution



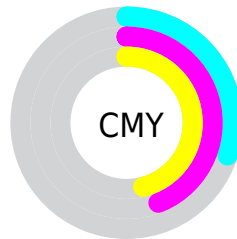
- Red (70%)
- Green (56%)
- Blue (54%)



- Red (70%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (30%)




- Cyan (30%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7359, 0.3587, 0.3363 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 30.7359, 0.3587, 0.3363 by changing the saturation by 10% instead.


 30.7359, 0.3587,
0.3363


 30.7359, 0.3587,
0.3363

305.3198, 0.3339,
0.3328

 20.3978, 0.3655,
0.3371


 60.8240, 0.3492,
0.3351

 12.6846, 0.3748,
0.3381


 81.3429, 0.3458,
0.3346

 7.2117, 0.3878,
0.3392


 106.0241, 0.3430,
0.3342

 3.5948, 0.4077,
0.3404

135.2521, 0.3406,
0.3338

 1.4496, 0.4416,
0.3412

169.4113, 0.3386,
0.3335

 0.2529, 0.6901,
0.3099

208.8860, 0.3368,

 0.0000, 0.0000,

0.3333

0.0000

254.0607, 0.3353,
0.3330

■ 30.7359, 0.3587,
0.3363

■ 30.7359, 0.3587,
0.3363

■ 25.8981, 0.3858,
0.3396

■ 36.3264, 0.3364,
0.3331

■ 21.7767, 0.4184,
0.3428

■ 42.6955, 0.3182,
0.3300

■ 18.3389, 0.4565,
0.3455

■ 49.8728, 0.3033,
0.3272

■ 15.5476, 0.4991,
0.3472

■ 57.8855, 0.2911,
0.3246

■ 13.3621, 0.5431,
0.3472

■ 66.7591, 0.2811,
0.3223

■ 11.7372, 0.5837,
0.3451

■ 76.5183, 0.2728,
0.3202

■ 10.6210, 0.6150,
0.3408

■ 86.7059, 0.2693,
0.3261

■ 10.1315, 0.6298,
0.3382

■ 88.3264, 0.2696,
0.3289

Harmonies

Analogous

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



30.7359, 0.3431, 0.3156



30.7359, 0.3587, 0.3363



30.7359, 0.3614, 0.3561

Triad

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



30.7359, 0.3587, 0.3363



30.7359, 0.3047, 0.3625



30.7359, 0.2755, 0.2890

Complementary

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



30.7359, 0.3587, 0.3363



38.8617, 0.2780, 0.3216

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.



30.7359, 0.2662, 0.2995



30.7359, 0.3587, 0.3363



30.7359, 0.2826, 0.3422

Square

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



30.7359, 0.3587, 0.3363



30.7359, 0.3296, 0.3726



30.7359, 0.2688, 0.3188



30.7359, 0.2946, 0.2890

Rectangle

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



30.7359, 0.3587, 0.3363



30.7359, 0.3555, 0.3662



30.7359, 0.2688, 0.3188



30.7359, 0.2711, 0.2914

Sweetspot

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



30.7373, 0.3587, 0.3363



72.1168, 0.3244, 0.3311



30.5414, 0.3203, 0.2779



15.8272, 0.3255, 0.3313



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.



30.7373, 0.3587, 0.3363



50.5331, 0.3716, 0.3380



37.5581, 0.3522, 0.3655



8.6623, 0.3284, 0.3318



7.2099, 0.6284, 0.3392



0.2788, 0.5908, 0.3691

Inverse Universe

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



38.8617, 0.2780, 0.3216



67.5479, 0.2711, 0.3198



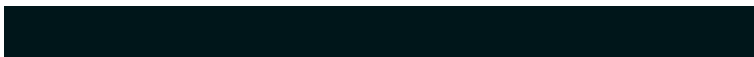
31.3950, 0.2755, 0.2896



9.4560, 0.2986, 0.3262



19.5855, 0.2144, 0.2917



0.6645, 0.2175, 0.3030

Previews

White Background



This preview shows how the Yxy color 30.7359, 0.3587, 0.3363 looks on a white background.

Color Contrast Check

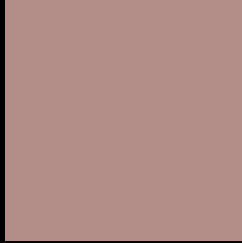
Large Text (above 18pt) WCAG AA × Fail

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 30.7359, 0.3587, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

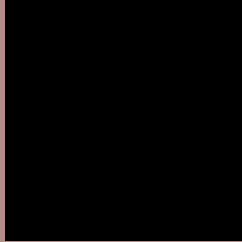
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7359, 0.3587, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 30.7359, 0.3587, 0.3363.



This preview shows how white text looks on a background with the Yxy color 30.7359, 0.3587, 0.3363.

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

30.7359, 0.3587, 0.3363

Protanopia

30.8037, 0.3276, 0.3429

Deuteranopia

30.6863, 0.3500, 0.3424



Tritanopia

30.8143, 0.3462, 0.3136

Trichromacy



Original Color

30.7359, 0.3587, 0.3363

Protanomaly

30.6534, 0.3377, 0.3396

Deuteranomaly

30.7228, 0.3536, 0.3408

Tritanomaly

30.8284, 0.3503, 0.3220

Monochromacy



Original Color

30.7359, 0.3587, 0.3363

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9678, 0.3283, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7359, 0.3587, 0.3363 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(179, 142, 137)` looks like.

```
.text, #text, p{  
    color:rgb(179, 142, 137)  
}
```

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(179, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 142, 137) }
```

Border

The CSS property to change the border of an element to Yxy 30.7359, 0.3587, 0.3363 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(179, 142, 137) }
```

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

```
.border{ border-color:rgb(179, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(179, 142,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7359, 0.3587, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 142, 137) }
```

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

```
.background{ background-color: rgb(179,  
142, 137) }
```

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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