

Converting Colors

$Y_{xy}(35.6875, 0.3301, 0.3264)$

Have a look what the booklet for
Yxy(35.6875, 0.3301, 0.3264)
contains.

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Color

Yxy(35.8127, 0.3306, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B09D9E
RGB	176, 157, 158
RGB Percent	69%, 62%, 62%
CMY	0.3098, 0.3843, 0.3805
CMYK	0.00, 0.11, 0.10, 0.31
HSL	357°, 11%, 65%
HSV	357°, 11%, 69%
XYZ	36.1296, 35.8127, 37.3427
YIQ	162.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

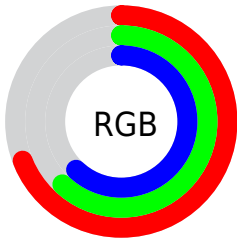
Format	Color
RYB	176, 157, 158
Decimal	11574686
CIELab	66.38, 7.13, 2.03
CIELCh	66, 7.410, 15.929
Yxy	35.8127, 0.3306, 0.3277
Android (android.graphics.Color)	4289764766 (0xFFB09D9E)
YUV	162.7950, -2.3639, 11.5808
Hunter-Lab	59.8437, 3.0398, 4.8934

Details

The Yxy color **35.8127, 0.3306, 0.3277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3133, 0.2972, 0.3303**, and the grayscale version is **36.5313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0469, 0.3269, 0.3280**, and **15.5806, 0.3354, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **29.7447, 0.3514, 0.3264**, and if you desaturate by 10%, it is **42.8199, 0.3139, 0.3289**.

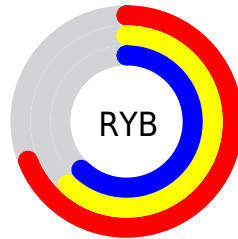
Distribution



Red (69%)

Green (62%)

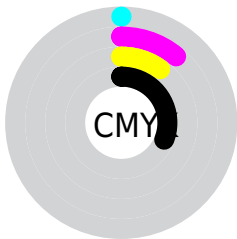
Blue (62%)



Red (69%)

Yellow (62%)

Blue (62%)

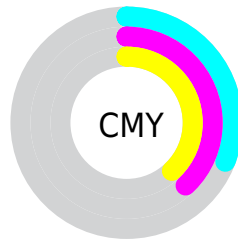


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8127, 0.3306, 0.3277 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 35.8127, 0.3306, 0.3277 by changing the saturation by 10% instead.


 35.8127, 0.3306,
0.3277


 35.8127, 0.3306,
0.3277


328.1412, 0.3212,
0.3284

 24.2896, 0.3331,
0.3275


 68.7429, 0.3271,
0.3280

 15.5486, 0.3364,
0.3272


 90.9187, 0.3258,
0.3281

 9.2053, 0.3409,
0.3268

117.4142, 0.3247,
0.3282

 4.8753, 0.3477,
0.3261

148.6139, 0.3238,
0.3282

 2.1743, 0.3586,
0.3249

184.9020, 0.3230,
0.3283

 0.7059, 0.3881,
0.3242

226.6630, 0.3224,


 0.0000, 0.0000,

0.3284


0.0000


274.2812, 0.3218,
0.3284


 35.8127, 0.3306,
0.3277


 35.8127, 0.3306,
0.3277


 29.7447, 0.3514,
0.3264


 42.8199, 0.3139,
0.3289


 24.5714, 0.3773,
0.3251

 50.7989, 0.3004,
0.3300


 20.2522, 0.4090,
0.3239

 59.7864, 0.2896,
0.3310

 16.7409, 0.4469,
0.3228

 69.8160, 0.2807,
0.3320

 13.9874, 0.4903,
0.3223

 80.9195, 0.2735,
0.3328

■ 11.9360, 0.5365,
0.3224

■ 87.9692, 0.2681,
0.3289

■ 10.5230, 0.5801,
0.3235

■ 9.6735, 0.6144,
0.3255

■ 9.2488, 0.6344,
0.3269

Harmonies

Analogous

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



35.8127, 0.3214, 0.3185



35.8127, 0.3306, 0.3277



35.8127, 0.3349, 0.3375

Triad

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



35.8127, 0.3306, 0.3277



35.8127, 0.3151, 0.3469



35.8127, 0.2926, 0.3126

Complementary

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



35.8127, 0.3306, 0.3277



41.3133, 0.2972, 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.



35.8127, 0.2910, 0.3199



35.8127, 0.3306, 0.3277



35.8127, 0.3039, 0.3399

Square

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



35.8127, 0.3306, 0.3277



35.8127, 0.3258, 0.3488



35.8127, 0.2951, 0.3300



35.8127, 0.2995, 0.3098

Rectangle

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



35.8127, 0.3306, 0.3277



35.8127, 0.3344, 0.3430



35.8127, 0.2951, 0.3300



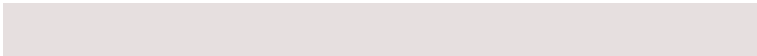
35.8127, 0.2915, 0.3146

Sweetspot

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



35.8143, 0.3306, 0.3277



74.6360, 0.3174, 0.3286



36.3341, 0.3127, 0.3029



15.9487, 0.3186, 0.3286



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.8143, 0.3306, 0.3277



62.1193, 0.3353, 0.3274



38.6594, 0.3302, 0.3405



8.5120, 0.3279, 0.3279



6.7893, 0.6334, 0.3263



0.2159, 0.6067, 0.3116

Inverse Universe

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



35.8143, 0.3306, 0.3277



62.1193, 0.3353, 0.3274



38.2227, 0.2963, 0.3172



8.5120, 0.3279, 0.3279



6.7893, 0.6334, 0.3263



0.2159, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 35.8127, 0.3306, 0.3277 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 35.8127, 0.3306, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

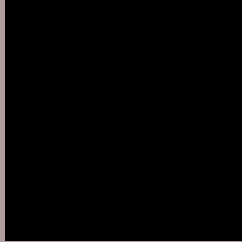
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8127, 0.3306, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 35.8127, 0.3306, 0.3277.



This preview shows how white text looks on a background with the Yxy color 35.8127, 0.3306, 0.3277.

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

35.8127, 0.3306, 0.3277

Protanopia

36.0271, 0.3174, 0.3305

Deuteranopia

35.7105, 0.3328, 0.3263



Tritanopia

35.9512, 0.3223, 0.3124

Trichromacy



Original Color

35.8127, 0.3306, 0.3277

Protanomaly

36.0798, 0.3223, 0.3305

Deuteranomaly

35.5927, 0.3317, 0.3263

Tritanomaly

35.8044, 0.3261, 0.3179

Monochromacy



Original Color

35.8127, 0.3306, 0.3277

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3878, 0.3194, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8127, 0.3306, 0.3277 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(176, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 158)  
}
```

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(176, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 158) }
```

Border

The CSS property to change the border of an element to Yxy 35.8127, 0.3306, 0.3277 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(176, 157, 158) }
```

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

```
.border{ border-color:rgb(176, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8127, 0.3306, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 158) }
```

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

```
.background{ background-color: rgb(176,  
157, 158) }
```

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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