

Converting Colors

$Yxy(36.7796, 0.3345, 0.3277)$

Have a look what the booklet for
Yxy(36.7796, 0.3345, 0.3277)
contains.

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Color

Yxy(36.7807, 0.3345, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B59E9F
RGB	181, 158, 159
RGB Percent	71%, 62%, 62%
CMY	0.2901, 0.3804, 0.3765
CMYK	0.00, 0.13, 0.12, 0.29
HSL	357°, 13%, 66%
HSV	357°, 13%, 71%
XYZ	37.5439, 36.7807, 37.9143
YIQ	164.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

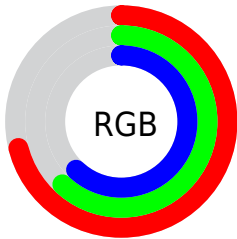
Format	Color
RYB	181, 158, 159
Decimal	11902623
CIELab	67.11, 8.62, 2.59
CIELCh	67, 9.002, 16.731
Yxy	36.7807, 0.3345, 0.3277
Android (android.graphics.Color)	4290092703 (0xFFB59E9F)
YUV	164.9910, -2.9536, 14.0399
Hunter-Lab	60.6471, 4.3690, 5.3871

Details

The Yxy color **36.7807, 0.3345, 0.3277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6233, 0.2943, 0.3303**, and the grayscale version is **37.6334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4481, 0.3299, 0.3280**, and **16.1873, 0.3409, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **30.4951, 0.3565, 0.3266**, and if you desaturate by 10%, it is **44.0636, 0.3169, 0.3287**.

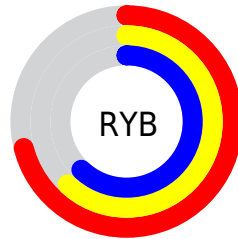
Distribution



Red (71%)

Green (62%)

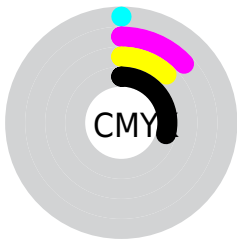
Blue (62%)



Red (71%)

Yellow (62%)

Blue (62%)

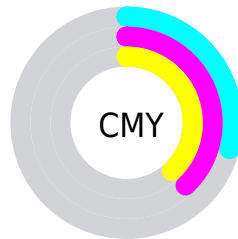


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7807, 0.3345, 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 36.7807, 0.3345, 0.3277 by changing the saturation by 10% instead.


 36.7807, 0.3345,
0.3277


 36.7807, 0.3345,
0.3277


332.3601, 0.3231,
0.3285

 25.0377, 0.3375,
0.3275


 70.2354, 0.3303,
0.3280

 16.1052, 0.3415,
0.3272


 92.7159, 0.3287,
0.3281

 9.5986, 0.3469,
0.3267


119.5443, 0.3274,
0.3282

 5.1336, 0.3550,
0.3260

151.1052, 0.3263,
0.3283

 2.3259, 0.3679,
0.3246

187.7828, 0.3253,
0.3283

 0.7874, 0.3972,
0.3243

229.9615, 0.3245,

 0.0000, 0.0000,


0.3284


0.0000


278.0258, 0.3238,
0.3284


 36.7807, 0.3345,
0.3277


 36.7807, 0.3345,
0.3277


 30.4951, 0.3565,
0.3266

 44.0636, 0.3169,
0.3287


 25.1586, 0.3837,
0.3255


 52.3793, 0.3027,
0.3297


 20.7268, 0.4170,
0.3245

 61.7676, 0.2913,
0.3306

 17.1494, 0.4566,
0.3237

 72.2649, 0.2821,
0.3313

 14.3715, 0.5013,
0.3234

 83.9057, 0.2745,
0.3321

■ 12.3316, 0.5477,
0.3237

■ 88.5667, 0.2706,
0.3289

■ 10.9594, 0.5900,
0.3248

■ 10.1710, 0.6211,
0.3267

■ 9.8437, 0.6355,
0.3274

Harmonies

Analogous

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



36.7807, 0.3235, 0.3166



36.7807, 0.3345, 0.3277



36.7807, 0.3395, 0.3394

Triad

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



36.7807, 0.3345, 0.3277



36.7807, 0.3151, 0.3505



36.7807, 0.2887, 0.3091

Complementary

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



36.7807, 0.3345, 0.3277



43.6233, 0.2943, 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.



36.7807, 0.2867, 0.3177



36.7807, 0.3345, 0.3277



36.7807, 0.3017, 0.3419

Square

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



36.7807, 0.3345, 0.3277



36.7807, 0.3282, 0.3529



36.7807, 0.2913, 0.3298



36.7807, 0.2971, 0.3059

Rectangle

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



36.7807, 0.3345, 0.3277



36.7807, 0.3388, 0.3460



36.7807, 0.2913, 0.3298



36.7807, 0.2873, 0.3114

Sweetspot

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



36.7823, 0.3345, 0.3277



77.0315, 0.3190, 0.3286



37.4782, 0.3131, 0.2981



16.4296, 0.3202, 0.3285



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.



36.7823, 0.3345, 0.3277



62.8432, 0.3396, 0.3274



40.4335, 0.3336, 0.3432



8.5110, 0.3281, 0.3281



6.7867, 0.6344, 0.3269



0.2155, 0.6115, 0.3142

Inverse Universe

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



36.7823, 0.3345, 0.3277



62.8432, 0.3396, 0.3274



39.6045, 0.2933, 0.3144



8.5110, 0.3281, 0.3281



6.7867, 0.6344, 0.3269



0.2155, 0.6115, 0.3142

Previews

White Background



This preview shows how the Yxy color 36.7807, 0.3345, 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 36.7807, 0.3345, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

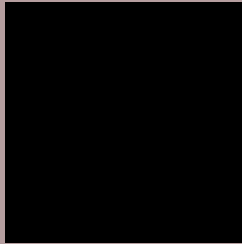
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

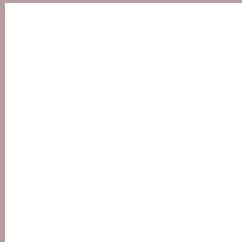
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.7807, 0.3345, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 36.7807, 0.3345, 0.3277.



This preview shows how white text looks on a background with the Yxy color 36.7807, 0.3345, 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

36.7807, 0.3345, 0.3277

Protanopia

37.0185, 0.3174, 0.3304

Deuteranopia

36.7807, 0.3345, 0.3277



Tritanopia

36.5866, 0.3263, 0.3114

Trichromacy



Original Color

36.7807, 0.3345, 0.3277

Protanomaly

36.8336, 0.3233, 0.3290

Deuteranomaly

36.7807, 0.3345, 0.3277

Tritanomaly

36.7756, 0.3299, 0.3181

Monochromacy



Original Color

36.7807, 0.3345, 0.3277

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1429, 0.3204, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7807, 0.3345, 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(181, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 159)  
}
```

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(181, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 159) }
```

Border

The CSS property to change the border of an element to Yxy 36.7807, 0.3345, 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(181, 158, 159) }
```

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

```
.border{ border-color:rgb(181, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7807, 0.3345, 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(181, 158, 159) }
```

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

```
.background{ background-color: rgb(181,  
158, 159) }
```

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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