

Converting Colors

$Yxy(35.5201, 0.3310, 0.3240)$

Have a look what the booklet for
Yxy(35.5201, 0.3310, 0.3240)
contains.

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Color

Yxy(35.6272, 0.3308, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	B19C9F
RGB	177, 156, 159
RGB Percent	69%, 61%, 62%
CMY	0.3059, 0.3882, 0.3766
CMYK	0.00, 0.12, 0.10, 0.31
HSL	352°, 12%, 65%
HSV	352°, 12%, 69%
XYZ	36.2742, 35.6272, 37.7545
YIQ	162.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

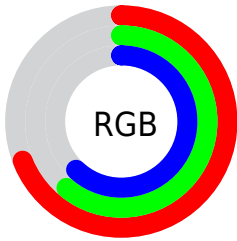
Format	Color
RYB	177, 156, 159
Decimal	11639967
CIELab	66.23, 8.22, 1.28
CIElCh	66, 8.321, 8.817
Yxy	35.6272, 0.3308, 0.3249
Android (android.graphics.Color)	4289830047 (0xFFB19C9F)
YUV	162.6210, -1.7852, 12.6104
Hunter-Lab	59.6885, 4.0239, 4.2795

Details

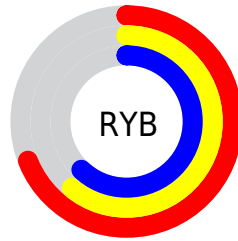
The Yxy color $35.6272, 0.3308, 0.3249$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.5658, 0.2972, 0.3332$, and the grayscale version is $36.4420, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.7672, 0.3271, 0.3258$, and $15.4709, 0.3357, 0.3232$ is the 20% darker color. If you saturate the color by 10%, you get $29.6193, 0.3501, 0.3212$, and if you desaturate by 10%, it is $42.5686, 0.3152, 0.3284$.

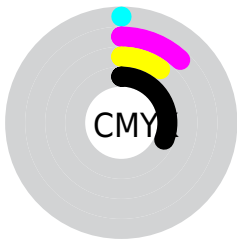
Distribution



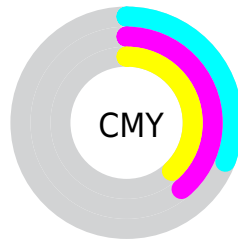
- Red (69%)
- Green (61%)
- Blue (62%)



- Red (69%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (31%)




- Cyan (31%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6272, 0.3308, 0.3249 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 35.6272, 0.3308, 0.3249 by changing the saturation by 10% instead.


 35.6272, 0.3308,
0.3249


 35.6272, 0.3308,
0.3249


327.3282, 0.3213,
0.3271

 24.1464, 0.3333,
0.3243


 68.4563, 0.3273,
0.3257

 15.4423, 0.3366,
0.3235


 90.5733, 0.3260,
0.3260

 9.1304, 0.3413,
0.3224


117.0046, 0.3249,
0.3263

 4.8263, 0.3481,
0.3207

148.1345, 0.3239,
0.3265

 2.1457, 0.3591,
0.3180

184.3474, 0.3232,
0.3267

 0.6902, 0.3878,
0.3124

226.0278, 0.3225,

 0.0000, 0.0000,


0.3268

0.0000

273.5599, 0.3219,
0.3270


 35.6272, 0.3308,
0.3249


 35.6272, 0.3308,
0.3249


 29.6193, 0.3501,
0.3212

 42.5686, 0.3152,
0.3284


 24.5006, 0.3738,
0.3174


 50.4761, 0.3027,
0.3316

 20.2302, 0.4028,
0.3138

 59.3864, 0.2925,
0.3345

 16.7622, 0.4375,
0.3106

 69.3329, 0.2842,
0.3372

 14.0462, 0.4773,
0.3086

 80.3476, 0.2774,
0.3396

■ 12.0263, 0.5203,
0.3083

■ 87.7778, 0.2709,
0.3341

■ 10.6386, 0.5625,
0.3104

■ 88.0858, 0.2686,
0.3289

■ 9.8074, 0.5984,
0.3150

■ 9.4161, 0.6206,
0.3193

Harmonies

Analogous

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



35.6272, 0.3196, 0.3151



35.6272, 0.3308, 0.3249



35.6272, 0.3372, 0.3360

Triad

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



35.6272, 0.3308, 0.3249



35.6272, 0.3184, 0.3502



35.6272, 0.2892, 0.3121

Complementary

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



35.6272, 0.3308, 0.3249



41.5658, 0.2972, 0.3332

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.



35.6272, 0.2889, 0.3213



35.6272, 0.3308, 0.3249



35.6272, 0.3056, 0.3436

Square

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



35.6272, 0.3308, 0.3249



35.6272, 0.3299, 0.3508



35.6272, 0.2949, 0.3329



35.6272, 0.2956, 0.3077

Rectangle

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



35.6272, 0.3308, 0.3249



35.6272, 0.3377, 0.3426



35.6272, 0.2949, 0.3329



35.6272, 0.2884, 0.3147

Sweetspot

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



35.6288, 0.3308, 0.3249



73.3484, 0.3184, 0.3276



35.9350, 0.3110, 0.3001



15.6898, 0.3195, 0.3274



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.



35.6288, 0.3308, 0.3249



61.1012, 0.3350, 0.3240



38.0664, 0.3324, 0.3393



8.5242, 0.3266, 0.3258



6.8288, 0.6186, 0.3181



0.2210, 0.5571, 0.2843

Inverse Universe

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



35.6288, 0.3308, 0.3249



61.1012, 0.3350, 0.3240



38.8600, 0.2947, 0.3185



8.5242, 0.3266, 0.3258



6.8288, 0.6186, 0.3181



0.2210, 0.5571, 0.2843

Previews

White Background



This preview shows how the Yxy color 35.6272, 0.3308, 0.3249 looks on a white background.

Color Contrast Check

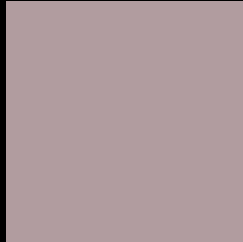
Large Text (above 18pt) WCAG AA × Fail

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 35.6272, 0.3308, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

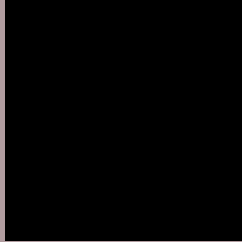
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6272, 0.3308, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 35.6272, 0.3308, 0.3249.



This preview shows how white text looks on a background with the Yxy color 35.6272, 0.3308, 0.3249.

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

35.6272, 0.3308, 0.3249

Protanopia

35.6073, 0.3157, 0.3276

Deuteranopia

35.6272, 0.3308, 0.3249



Tritanopia

35.6977, 0.3243, 0.3125

Trichromacy



Original Color

35.6272, 0.3308, 0.3249

Protanomaly

35.7694, 0.3215, 0.3276

Deuteranomaly

35.6272, 0.3308, 0.3249

Tritanomaly

35.5880, 0.3272, 0.3166

Monochromacy



Original Color

35.6272, 0.3308, 0.3249

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0751, 0.3186, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6272, 0.3308, 0.3249 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(177, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 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(177, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 159) }
```

Border

The CSS property to change the border of an element to Yxy 35.6272, 0.3308, 0.3249 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(177, 156, 159) }
```

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

```
.border{ border-color:rgb(177, 156, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 156, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 156, 159); box-shadow:4px 4px 4px 4px rgb(177, 156, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6272, 0.3308, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 159) }
```

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

```
.background{ background-color: rgb(177,  
156, 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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