

Converting Colors

Yxy(35.8560, 0.3148, 0.3126)

Have a look what the booklet for
Yxy(35.8560, 0.3148, 0.3126)
contains.

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Color

Yxy(35.9762, 0.3154, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	AB9EA9
RGB	171, 158, 169
RGB Percent	67%, 62%, 66%
CMY	0.3294, 0.3804, 0.3373
CMYK	0.00, 0.08, 0.01, 0.33
HSL	309°, 7%, 65%
HSV	309°, 8%, 67%
XYZ	36.1827, 35.9762, 42.5611
YIQ	163.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

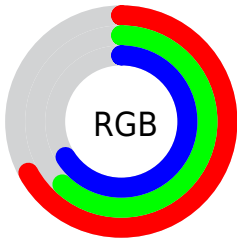
Format	Color
RYB	171, 158, 169
Decimal	11247273
CIELab	66.50, 6.76, -3.99
CIELCh	67, 7.852, 329.466
Yxy	35.9762, 0.3154, 0.3136
Android (android.graphics.Color)	4289437353 (0xFFAB9EA9)
YUV	163.1410, 2.8885, 6.8923
Hunter-Lab	59.9802, 2.7138, -0.0853

Details

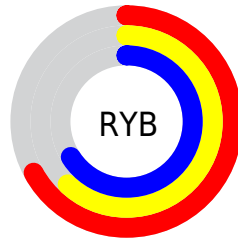
The Yxy color **35.9762, 0.3154, 0.3136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9390, 0.3101, 0.3449**, and the grayscale version is **36.6813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1391, 0.3147, 0.3171**, and **15.7217, 0.3164, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **30.4444, 0.3194, 0.2927**, and if you desaturate by 10%, it is **42.3250, 0.3119, 0.3337**.

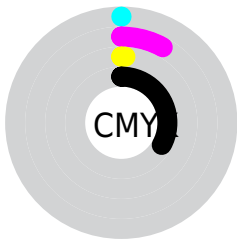
Distribution



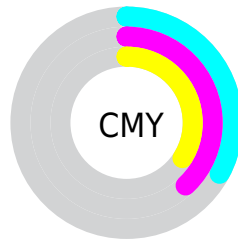
- Red (67%)
- Green (62%)
- Blue (66%)



- Red (67%)
- Yellow (62%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (33%)





- Cyan (33%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9762, 0.3154, 0.3136 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 35.9762, 0.3154, 0.3136 by changing the saturation by 10% instead.


 35.9762, 0.3154,
0.3136


 35.9762, 0.3154,
0.3136


328.8565, 0.3140,
0.3216

 24.4158, 0.3157,
0.3115


 68.9953, 0.3149,
0.3166

 15.6424, 0.3162,
0.3088


 91.2229, 0.3147,
0.3176

 9.2714, 0.3168,
0.3051


117.7749, 0.3146,
0.3186

 4.9187, 0.3176,
0.2997

149.0358, 0.3144,
0.3193

 2.1996, 0.3189,
0.2913

185.3901, 0.3143,
0.3200

 0.7198, 0.3223,
0.2732

227.2220, 0.3142,

 0.0000, 0.0000,

0.3206

0.0000

274.9160, 0.3141,
0.3211

■ 35.9762, 0.3154,
0.3136

■ 35.9762, 0.3154,
0.3136

■ 30.4444, 0.3194,
0.2927

■ 42.3250, 0.3119,
0.3337

■ 25.6915, 0.3239,
0.2715

■ 49.5176, 0.3089,
0.3528

■ 21.6836, 0.3289,
0.2506

■ 57.5852, 0.3064,
0.3706

■ 18.3822, 0.3343,
0.2309

■ 66.5562, 0.3042,
0.3870

■ 15.7454, 0.3401,
0.2132

■ 76.4575, 0.3023,
0.4022

■ 13.7269, 0.3460,
0.1985

■ 83.6831, 0.3008,
0.4105

■ 12.2745, 0.3520,
0.1876

■ 83.7972, 0.2994,
0.4073

■ 11.3274, 0.3578,
0.1811

■ 83.9134, 0.2980,
0.4041

■ 10.7893, 0.3633,
0.1786

■ 84.0318, 0.2966,
0.4008

Harmonies

Analogous

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



35.9762, 0.3035, 0.3091



35.9762, 0.3154, 0.3136



35.9762, 0.3268, 0.3220

Triad

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



35.9762, 0.3154, 0.3136



35.9762, 0.3315, 0.3485



35.9762, 0.2915, 0.3250

Complementary

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



35.9762, 0.3154, 0.3136



38.9390, 0.3101, 0.3449

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.



35.9762, 0.2987, 0.3360



35.9762, 0.3154, 0.3136



35.9762, 0.3217, 0.3498

Square

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



35.9762, 0.3154, 0.3136



35.9762, 0.3362, 0.3420



35.9762, 0.3097, 0.3452



35.9762, 0.2898, 0.3154

Rectangle

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



35.9762, 0.3154, 0.3136



35.9762, 0.3325, 0.3288



35.9762, 0.3097, 0.3452



35.9762, 0.2933, 0.3287

Sweetspot

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



35.9778, 0.3154, 0.3136



70.5736, 0.3134, 0.3249



34.8645, 0.3031, 0.3102



15.7667, 0.3134, 0.3252



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.9778, 0.3154, 0.3136



62.7924, 0.3160, 0.3104



35.7425, 0.3213, 0.3226



8.1262, 0.3160, 0.3101



8.0569, 0.3641, 0.1779



0.2298, 0.3491, 0.1697

Inverse Universe

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



35.9778, 0.3154, 0.3136



62.7924, 0.3160, 0.3104



39.1696, 0.3049, 0.3355



8.1262, 0.3160, 0.3101



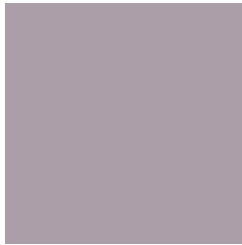
8.0569, 0.3641, 0.1779



0.2298, 0.3491, 0.1697

Previews

White Background



This preview shows how the Yxy color 35.9762, 0.3154, 0.3136 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 35.9762, 0.3154, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

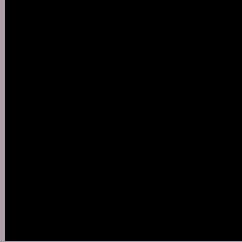
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9762, 0.3154, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 35.9762, 0.3154, 0.3136.



This preview shows how white text looks on a background with the Yxy color 35.9762, 0.3154, 0.3136.

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

35.9762, 0.3154, 0.3136

Protanopia

36.1114, 0.3049, 0.3147

Deuteranopia

35.9772, 0.3184, 0.3123



Tritanopia

36.0139, 0.3145, 0.3122

Trichromacy



Original Color

35.9762, 0.3154, 0.3136

Protanomaly

36.0432, 0.3086, 0.3148

Deuteranomaly

35.8628, 0.3174, 0.3123

Tritanomaly

36.0139, 0.3145, 0.3122

Monochromacy



Original Color

35.9762, 0.3154, 0.3136

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3133, 0.3139, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9762, 0.3154, 0.3136 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(171, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 158, 169)  
}
```

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(171, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 169) }
```

Border

The CSS property to change the border of an element to Yxy 35.9762, 0.3154, 0.3136 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(171, 158, 169) }
```

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

```
.border{ border-color:rgb(171, 158, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9762, 0.3154, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 169) }
```

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

```
.background{ background-color: rgb(171,  
158, 169) }
```

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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