

Converting Colors

$Yxy(35.3985, 0.3088, 0.3105)$

Have a look what the booklet for
Yxy(35.3985, 0.3088, 0.3105)
contains.

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Color

Yxy(35.5010, 0.3088, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	A69EAB
RGB	166, 158, 171
RGB Percent	65%, 62%, 67%
CMY	0.3490, 0.3804, 0.3293
CMYK	0.03, 0.08, 0.00, 0.33
HSL	277°, 7%, 65%
HSV	277°, 8%, 67%
XYZ	35.3066, 35.5010, 43.5273
YIQ	161.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

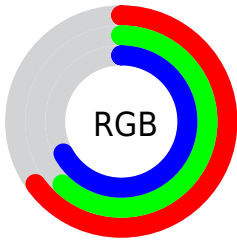
Format	Color
RYB	166, 158, 171
Decimal	10919595
CIELab	66.14, 5.39, -5.72
CIElCh	66, 7.855, 313.302
Yxy	35.5010, 0.3088, 0.3105
Android (android.graphics.Color)	4289109675 (0xFFA69EAB)
YUV	161.8740, 4.4991, 3.6185
Hunter-Lab	59.5827, 1.5031, -1.6056

Details

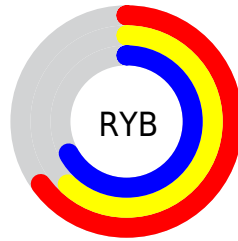
The Yxy color **35.5010, 0.3088, 0.3105** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3872, 0.3164, 0.3477**, and the grayscale version is **36.0494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4516, 0.3097, 0.3149**, and **15.4247, 0.3071, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **29.3764, 0.3028, 0.2847**, and if you desaturate by 10%, it is **42.4768, 0.3138, 0.3346**.

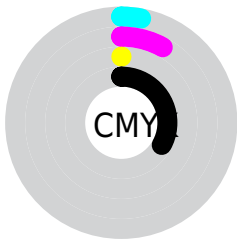
Distribution



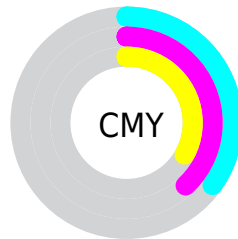
- Red (65%)
- Green (62%)
- Blue (67%)



- Red (65%)
- Yellow (62%)
- Blue (67%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)





- Cyan (35%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5010, 0.3088, 0.3105 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 35.5010, 0.3088, 0.3105 by changing the saturation by 10% instead.


 35.5010, 0.3088,
0.3105


 35.5010, 0.3088,
0.3105


326.7742, 0.3109,
0.3201

 24.0491, 0.3082,
0.3080


 68.2612, 0.3096,
0.3141

 15.3700, 0.3075,
0.3047


 90.3382, 0.3099,
0.3154

 9.0795, 0.3064,
0.3003


116.7257, 0.3101,
0.3165

 4.7931, 0.3048,
0.2938

147.8081, 0.3103,
0.3174

 2.1264, 0.3021,
0.2835

183.9697, 0.3105,
0.3182

 0.6794, 0.2982,
0.2606

225.5950, 0.3106,

 0.0000, 0.0000,

0.3189

0.0000

273.0684, 0.3108,
0.3195

■ 35.5010, 0.3088,
0.3105

■ 35.5010, 0.3088,
0.3105

■ 29.3764, 0.3028,
0.2847

■ 42.4768, 0.3138,
0.3346

■ 24.0646, 0.2959,
0.2576

■ 50.3311, 0.3180,
0.3567

■ 19.5310, 0.2880,
0.2297

■ 59.0958, 0.3215,
0.3769

■ 15.7364, 0.2791,
0.2020

■ 68.7996, 0.3243,
0.3951

■ 12.6386, 0.2695,
0.1756

■ 79.4701, 0.3266,
0.4116

■ 10.1906, 0.2593,
0.1516

■ 87.5030, 0.3293,
0.4212

■ 8.3397, 0.2490,
0.1314

■ 88.4600, 0.3336,
0.4200

■ 7.0243, 0.2390,
0.1158

■ 89.4567, 0.3379,
0.4187

■ 6.1474, 0.2294,
0.1049

■ 90.4936, 0.3423,
0.4174

Harmonies

Analogous

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



35.5010, 0.2979, 0.3086



35.5010, 0.3088, 0.3105



35.5010, 0.3210, 0.3170

Triad

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



35.5010, 0.3088, 0.3105



35.5010, 0.3349, 0.3456



35.5010, 0.2947, 0.3310

Complementary

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



35.5010, 0.3088, 0.3105



39.3872, 0.3164, 0.3477

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.



35.5010, 0.3043, 0.3414



35.5010, 0.3088, 0.3105



35.5010, 0.3275, 0.3499

Square

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



35.5010, 0.3088, 0.3105



35.5010, 0.3362, 0.3371



35.5010, 0.3163, 0.3484



35.5010, 0.2898, 0.3202

Rectangle

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



35.5010, 0.3088, 0.3105



35.5010, 0.3281, 0.3233



35.5010, 0.3163, 0.3484



35.5010, 0.2974, 0.3347

Sweetspot

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



35.5025, 0.3088, 0.3105



70.3431, 0.3117, 0.3242



36.4772, 0.3012, 0.3177



15.7181, 0.3118, 0.3244



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.



35.5025, 0.3088, 0.3105



61.7752, 0.3079, 0.3066



36.0044, 0.3147, 0.3126



7.9921, 0.3079, 0.3062



4.5249, 0.2280, 0.1030



0.1561, 0.2568, 0.1188

Inverse Universe

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



35.7572, 0.3208, 0.3219



62.3234, 0.3227, 0.3205



38.9146, 0.3107, 0.3460



8.0644, 0.3228, 0.3203



6.8304, 0.5403, 0.2750



0.2009, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 35.5010, 0.3088, 0.3105 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 35.5010, 0.3088, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

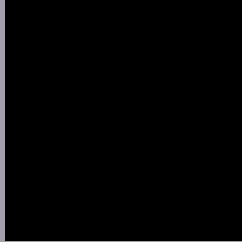
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

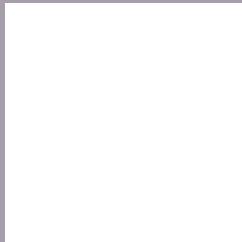
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.5010, 0.3088, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 35.5010, 0.3088, 0.3105.

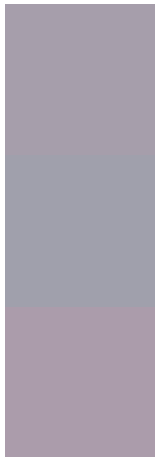


This preview shows how white text looks on a background with the Yxy color 35.5010, 0.3088, 0.3105.

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

35.5010, 0.3088, 0.3105

Protanopia

35.5938, 0.3023, 0.3117

Deuteranopia

35.3751, 0.3137, 0.3080



Tritanopia

35.5010, 0.3088, 0.3105

Trichromacy



Original Color

35.5010, 0.3088, 0.3105

Protanomaly

35.4562, 0.3041, 0.3104

Deuteranomaly

35.4892, 0.3117, 0.3093

Tritanomaly

35.5010, 0.3088, 0.3105

Monochromacy



Original Color

35.5010, 0.3088, 0.3105

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.9929, 0.3111, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5010, 0.3088, 0.3105 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(166, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(166, 158, 171)  
}
```

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(166, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 158, 171) }
```

Border

The CSS property to change the border of an element to Yxy 35.5010, 0.3088, 0.3105 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(166, 158, 171) }
```

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

```
.border{ border-color:rgb(166, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(166, 158,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5010, 0.3088, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 158, 171) }
```

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

```
.background{ background-color: rgb(166,  
158, 171) }
```

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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