

Converting Colors

Yxy(35.9533, 0.3227, 0.3245)

Have a look what the booklet for
Yxy(35.9533, 0.3227, 0.3245)
contains.

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Color

Yxy(35.8330, 0.3227, 0.3234)

Conversions

Conversions Part 1	
Format	Color
Hex	AC9EA2
RGB	172, 158, 162
RGB Percent	67%, 62%, 64%
CMY	0.3256, 0.3803, 0.3647
CMYK	0.00, 0.08, 0.06, 0.33
HSL	343°, 8%, 65%
HSV	343°, 8%, 67%
XYZ	35.7554, 35.8330, 39.2124
YIQ	162.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

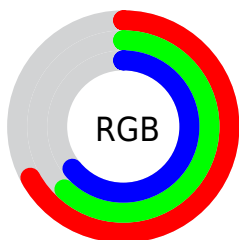
Format	Color
RYB	172, 158, 162
Decimal	11312802
CIELab	66.39, 5.80, -0.24
CIELCh	66, 5.809, 357.652
Yxy	35.8330, 0.3227, 0.3234
Android (android.graphics.Color)	4289502882 (0xFFAC9EA2)
YUV	162.6420, -0.3165, 8.2070
Hunter-Lab	59.8607, 1.8638, 3.0639

Details

The Yxy color $35.8330, 0.3227, 0.3234$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.5888, 0.3036, 0.3347$, and the grayscale version is $36.4462, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.9291, 0.3203, 0.3247$, and $15.6342, 0.3269, 0.3231$ is the 20% darker color. If you saturate the color by 10%, you get $29.9560, 0.3375, 0.3161$, and if you desaturate by 10%, it is $42.5768, 0.3106, 0.3303$.

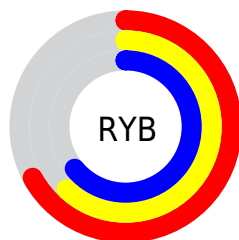
Distribution



Red (67%)

Green (62%)

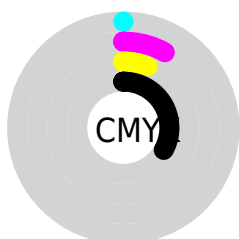
Blue (64%)



Red (67%)

Yellow (62%)

Blue (64%)

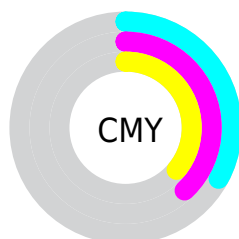


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (33%)



Cyan (33%)


Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8330, 0.3227, 0.3234 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 35.8330, 0.3227, 0.3234 by changing the saturation by 10% instead.


 35.8330, 0.3227,
0.3234


 35.8330, 0.3227,
0.3234


328.2300, 0.3175,
0.3263

 24.3052, 0.3241,
0.3226


 68.7742, 0.3208,
0.3245

 15.5602, 0.3259,
0.3216


 90.9565, 0.3200,
0.3249

 9.2135, 0.3284,
0.3202


117.4590, 0.3194,
0.3252

 4.8807, 0.3321,
0.3181

148.6663, 0.3189,
0.3255

 2.1774, 0.3381,
0.3148

184.9626, 0.3185,
0.3258

 0.7076, 0.3526,
0.3065

226.7324, 0.3181,

 0.0000, 0.0000,

0.3260

0.0000


274.3601, 0.3178,
0.3262


 35.8330, 0.3227,
0.3234


 35.8330, 0.3227,
0.3234

 29.9560, 0.3375,
0.3161


 42.5768, 0.3106,
0.3303

 24.9060, 0.3556,
0.3085

 50.2157, 0.3008,
0.3366


 20.6470, 0.3776,
0.3009


 58.7827, 0.2927,
0.3424


 17.1386, 0.4039,
0.2937


 68.3076, 0.2861,
0.3477


 14.3366, 0.4347,
0.2878


 78.8189, 0.2806,
0.3525

 12.1926, 0.4693,
0.2841


 86.3271, 0.2754,
0.3503

 10.6515, 0.5060,
0.2838

 87.0652, 0.2694,
0.3365

 9.6494, 0.5421,
0.2877

 87.5066, 0.2661,
0.3289

 9.0797, 0.5743,
0.2955

Harmonies

Analogous

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



35.8330, 0.3142, 0.3172



35.8330, 0.3227, 0.3234



35.8330, 0.3286, 0.3311

Triad

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



35.8330, 0.3227, 0.3234



35.8330, 0.3199, 0.3444



35.8330, 0.2956, 0.3194

Complementary

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



35.8330, 0.3227, 0.3234



39.5888, 0.3036, 0.3347

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.



35.8330, 0.2971, 0.3266



35.8330, 0.3227, 0.3234



35.8330, 0.3111, 0.3412

Square

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



35.8330, 0.3227, 0.3234



35.8330, 0.3269, 0.3433



35.8330, 0.3028, 0.3347



35.8330, 0.2986, 0.3148

Rectangle

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



35.8330, 0.3227, 0.3234



35.8330, 0.3301, 0.3361



35.8330, 0.3028, 0.3347



35.8330, 0.2956, 0.3215

Sweetspot

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



35.8346, 0.3227, 0.3234



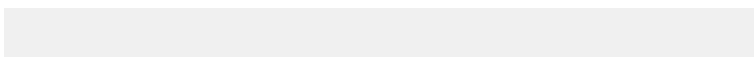
72.2822, 0.3151, 0.3276



35.7373, 0.3096, 0.3093



15.7391, 0.3149, 0.3277



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.



35.8346, 0.3227, 0.3234



62.7056, 0.3255, 0.3219



36.6579, 0.3260, 0.3330



8.0515, 0.3243, 0.3226



6.7007, 0.5774, 0.2955



0.1959, 0.4916, 0.2482

Inverse Universe

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



35.8346, 0.3227, 0.3234



62.7056, 0.3255, 0.3219



38.6890, 0.3004, 0.3250



8.0515, 0.3243, 0.3226



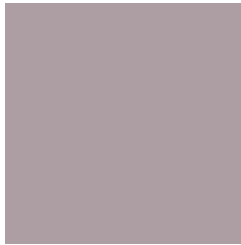
6.7007, 0.5774, 0.2955



0.1959, 0.4916, 0.2482

Previews

White Background



This preview shows how the Yxy color 35.8330, 0.3227, 0.3234 looks on a white background.

Color Contrast Check

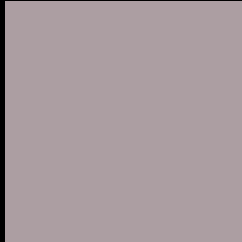
Large Text (above 18pt) WCAG AA × Fail

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 35.8330, 0.3227, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

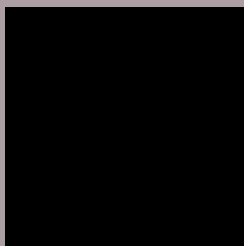
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8330, 0.3227, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 35.8330, 0.3227, 0.3234.



This preview shows how white text looks on a background with the Yxy color 35.8330, 0.3227, 0.3234.

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

35.8330, 0.3227, 0.3234

Protanopia

36.0626, 0.3129, 0.3247

Deuteranopia

35.7327, 0.3279, 0.3207



Tritanopia

35.8628, 0.3174, 0.3123

Trichromacy



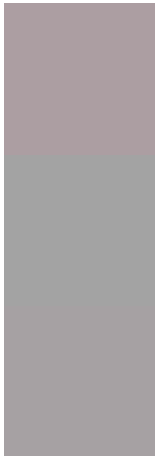
Original Color
35.8330, 0.3227, 0.3234

Protanomaly
36.0014, 0.3168, 0.3247

Deuteranomaly
35.8365, 0.3258, 0.3220

Tritanomaly
35.7514, 0.3201, 0.3164

Monochromacy



Original Color
35.8330, 0.3227, 0.3234

Achromatopsia
36.6253, 0.3127, 0.3290

Achromatomaly
36.2411, 0.3157, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8330, 0.3227, 0.3234 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(172, 158, 162) looks like.

```
.text, #text, p{  
    color:rgb(172, 158, 162)  
}
```

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(172, 158, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 158, 162) }
```

Border

The CSS property to change the border of an element to Yxy 35.8330, 0.3227, 0.3234 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(172, 158, 162) }
```

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

```
.border{ border-color:rgb(172, 158, 162) }
```

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

Here you see how a box with a 4 pixel rgb(172, 158, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 158, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 158, 162);  
box-shadow:4px 4px 4px 4px rgb(172, 158,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8330, 0.3227, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 158, 162) }
```

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

```
.background{ background-color: rgb(172,  
158, 162) }
```

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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