

Converting Colors

$Yxy(35.8463, 0.3284, 0.3113)$

Have a look what the booklet for
Yxy(35.8463, 0.3284, 0.3113)
contains.

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Color

Yxy(35.8463, 0.3284, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	B69AA7
RGB	182, 154, 167
RGB Percent	71%, 60%, 65%
CMY	0.2864, 0.3960, 0.3451
CMYK	0.00, 0.15, 0.08, 0.29
HSL	332°, 16%, 66%
HSV	332°, 15%, 71%
XYZ	37.8154, 35.8463, 41.4887
YIQ	163.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

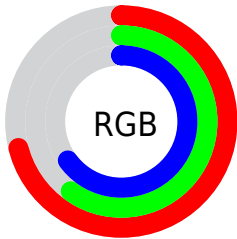
Format	Color
RYB	182, 154, 167
Decimal	11967143
CIELab	66.40, 12.56, -2.92
CIELCh	66, 12.898, 346.906
Yxy	35.8463, 0.3284, 0.3113
Android (android.graphics.Color)	4290157223 (0xFFB69AA7)
YUV	163.8540, 1.5510, 15.9140
Hunter-Lab	59.8718, 7.9660, 0.8247

Details

The Yxy color **35.8463, 0.3284, 0.3113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1747, 0.2994, 0.3474**, and the grayscale version is **37.0387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5628, 0.3254, 0.3143**, and **15.6054, 0.3337, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **29.9422, 0.3413, 0.2991**, and if you desaturate by 10%, it is **42.6912, 0.3177, 0.3230**.

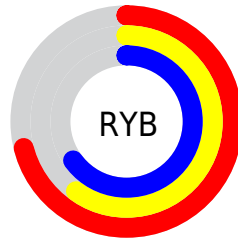
Distribution



Red (71%)

Green (60%)

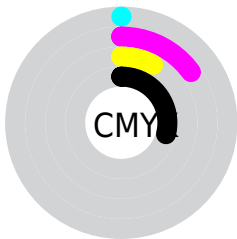
Blue (65%)



Red (71%)

Yellow (60%)

Blue (65%)

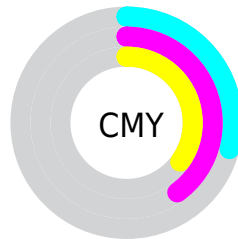


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (29%)



Cyan (29%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8463, 0.3284, 0.3113 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 35.8463, 0.3284, 0.3113 by changing the saturation by 10% instead.

 35.8463, 0.3284,
0.3113


 35.8463, 0.3284,
0.3113

328.2883, 0.3203,
0.3204

 24.3155, 0.3305,
0.3089


 68.7948, 0.3254,
0.3147

 15.5678, 0.3333,
0.3058


 90.9812, 0.3243,
0.3159

 9.2189, 0.3372,
0.3016


117.4884, 0.3233,
0.3170

 4.8842, 0.3428,
0.2954

148.7006, 0.3225,
0.3179

 2.1795, 0.3517,
0.2858

185.0023, 0.3219,
0.3187

 0.7088, 0.3697,
0.2652

226.7779, 0.3213,

 0.0000, 0.0000,

0.3193

0.0000

274.4118, 0.3207,
0.3199

■ 35.8463, 0.3284,
0.3113

■ 35.8463, 0.3284,
0.3113

■ 29.9422, 0.3413,
0.2991

■ 42.6912, 0.3177,
0.3230

■ 24.9327, 0.3568,
0.2867

■ 50.5109, 0.3088,
0.3340

■ 20.7748, 0.3750,
0.2747

■ 59.3438, 0.3015,
0.3442

■ 17.4201, 0.3962,
0.2640

■ 69.2245, 0.2955,
0.3537

■ 14.8152, 0.4200,
0.2555

■ 80.1861, 0.2905,
0.3623

■ 12.9002, 0.4458,
0.2506

■ 86.9199, 0.2858,
0.3617

■ 11.6060, 0.4725,
0.2503

■ 87.4679, 0.2809,
0.3507

■ 10.8468, 0.4986,
0.2553

■ 88.0468, 0.2760,
0.3398

■ 10.5896, 0.5106,
0.2586

■ 88.6570, 0.2712,
0.3293

Harmonies

Analogous

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



35.8463, 0.3085, 0.3001



35.8463, 0.3284, 0.3113



35.8463, 0.3444, 0.3270

Triad

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



35.8463, 0.3284, 0.3113



35.8463, 0.3348, 0.3637



35.8463, 0.2753, 0.3124

Complementary

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



35.8463, 0.3284, 0.3113



43.1747, 0.2994, 0.3474

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.



35.8463, 0.2819, 0.3298



35.8463, 0.3284, 0.3113



35.8463, 0.3159, 0.3603

Square

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



35.8463, 0.3284, 0.3113



35.8463, 0.3480, 0.3573



35.8463, 0.2966, 0.3477



35.8463, 0.2783, 0.3002

Rectangle

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



35.8463, 0.3284, 0.3113



35.8463, 0.3504, 0.3383



35.8463, 0.2966, 0.3477



35.8463, 0.2765, 0.3178

Sweetspot

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



35.8479, 0.3284, 0.3113



77.7976, 0.3174, 0.3233



34.9193, 0.3021, 0.2902



16.9777, 0.3181, 0.3225



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.8479, 0.3284, 0.3113



61.6911, 0.3320, 0.3077



35.7000, 0.3408, 0.3304



9.0798, 0.3217, 0.3184



7.4951, 0.5078, 0.2571



0.2767, 0.4474, 0.2238

Inverse Universe

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



35.8479, 0.3284, 0.3113



61.6911, 0.3320, 0.3077



43.3069, 0.2897, 0.3276



9.0798, 0.3217, 0.3184



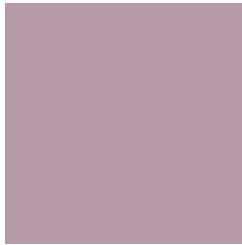
7.4951, 0.5078, 0.2571



0.2767, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 35.8463, 0.3284, 0.3113 looks on a white background.

Color Contrast Check

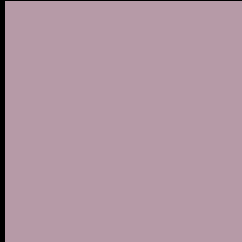
Large Text (above 18pt) WCAG AA × Fail

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 35.8463, 0.3284, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

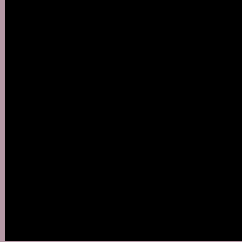
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

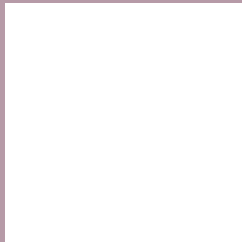
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.8463, 0.3284, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 35.8463, 0.3284, 0.3113.



This preview shows how white text looks on a background with the Yxy color 35.8463, 0.3284, 0.3113.

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

35.8463, 0.3284, 0.3113

Protanopia

36.1114, 0.3049, 0.3147

Deuteranopia

35.9811, 0.3221, 0.3165



Tritanopia

35.8095, 0.3294, 0.3126

Trichromacy



Original Color

35.8463, 0.3284, 0.3113

Protanomaly

35.7910, 0.3125, 0.3121

Deuteranomaly

35.9951, 0.3252, 0.3152

Tritanomaly

35.8095, 0.3294, 0.3126

Monochromacy



Original Color

35.8463, 0.3284, 0.3113

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5162, 0.3188, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8463, 0.3284, 0.3113 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(182, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 167)  
}
```

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(182, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 167) }
```

Border

The CSS property to change the border of an element to Yxy 35.8463, 0.3284, 0.3113 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(182, 154, 167) }
```

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

```
.border{ border-color:rgb(182, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8463, 0.3284, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 167) }
```

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

```
.background{ background-color: rgb(182,  
154, 167) }
```

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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