

Converting Colors

$Yxy(35.3685, 0.3421, 0.3130)$

Have a look what the booklet for
Yxy(35.3685, 0.3421, 0.3130)
contains.

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Color

Yxy(35.3685, 0.3421, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	BE96A2
RGB	190, 150, 162
RGB Percent	75%, 59%, 64%
CMY	0.2550, 0.4117, 0.3647
CMYK	0.00, 0.21, 0.15, 0.26
HSL	342°, 23%, 67%
HSV	342°, 21%, 74%
XYZ	38.6568, 35.3685, 38.9731
YIQ	163.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

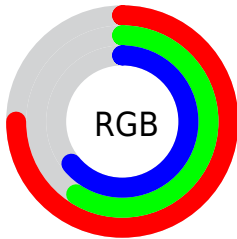
Format	Color
R _Y B	190, 150, 162
Decimal	12490402
CIE Lab	66.03, 16.86, -0.56
CIE LCh	66, 16.865, 358.082
Yxy	35.3685, 0.3421, 0.3130
Android (android.graphics.Color)	4290680482 (0xFFBE96A2)
YUV	163.3280, -0.6547, 23.3913
Hunter-Lab	59.4714, 11.9510, 2.7757

Details

The Yxy color **35.3685, 0.3421, 0.3130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5111, 0.2900, 0.3456**, and the grayscale version is **36.7849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9696, 0.3365, 0.3156**, and **15.2837, 0.3521, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **29.3418, 0.3611, 0.3049**, and if you desaturate by 10%, it is **42.4312, 0.3266, 0.3209**.

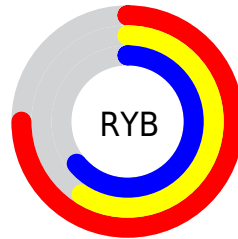
Distribution



Red (75%)

Green (59%)

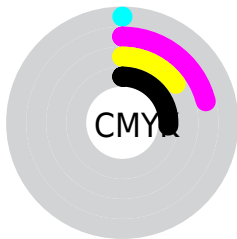
Blue (64%)



Red (75%)

Yellow (59%)

Blue (64%)

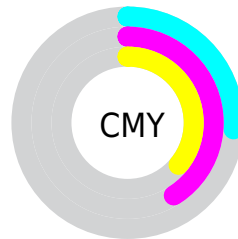


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3685, 0.3421, 0.3130 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 35.3685, 0.3421, 0.3130 by changing the saturation by 10% instead.

 35.3685, 0.3421,
0.3130


 35.3685, 0.3421,
0.3130


326.1919, 0.3267,
0.3214

 23.9469, 0.3462,
0.3108


 68.0562, 0.3364,
0.3161

 15.2942, 0.3515,
0.3079


 90.0911, 0.3342,
0.3173

 9.0261, 0.3590,
0.3039


116.4326, 0.3325,
0.3182

 4.7582, 0.3699,
0.2980

147.4650, 0.3310,
0.3190

 2.1061, 0.3875,
0.2886

183.5727, 0.3297,
0.3197

 0.6681, 0.4257,
0.2674

225.1402, 0.3286,

 0.0000, 0.0000,

0.3203

0.0000

272.5518, 0.3276,
0.3209

■ 35.3685, 0.3421,
0.3130

■ 35.3685, 0.3421,
0.3130

■ 29.3418, 0.3611,
0.3049

■ 42.4312, 0.3266,
0.3209

■ 24.2975, 0.3840,
0.2969

■ 50.5708, 0.3139,
0.3283

■ 20.1844, 0.4113,
0.2897

■ 59.8316, 0.3035,
0.3351

■ 16.9448, 0.4429,
0.2840

■ 70.2541, 0.2951,
0.3415

■ 14.5142, 0.4779,
0.2810

■ 81.8768, 0.2882,
0.3472

■ 12.8194, 0.5143,
0.2819

■ 88.8606, 0.2818,
0.3431

■ 11.7736, 0.5491,
0.2873

■ 89.6827, 0.2752,
0.3289

■ 11.2380, 0.5767,
0.2951

Harmonies

Analogous

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



35.3685, 0.3169, 0.2960



35.3685, 0.3421, 0.3130



35.3685, 0.3596, 0.3343

Triad

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



35.3685, 0.3421, 0.3130



35.3685, 0.3328, 0.3748



35.3685, 0.2640, 0.2999

Complementary

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



35.3685, 0.3421, 0.3130



46.5111, 0.2900, 0.3456

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.



35.3685, 0.2679, 0.3207



35.3685, 0.3421, 0.3130



35.3685, 0.3070, 0.3656

Square

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



35.3685, 0.3421, 0.3130



35.3685, 0.3538, 0.3705



35.3685, 0.2834, 0.3452



35.3685, 0.2724, 0.2880

Rectangle

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



35.3685, 0.3421, 0.3130



35.3685, 0.3641, 0.3486



35.3685, 0.2834, 0.3452



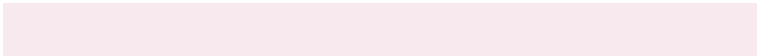
35.3685, 0.2639, 0.3060

Sweetspot

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



35.3701, 0.3421, 0.3130



83.9502, 0.3200, 0.3246



34.9190, 0.3030, 0.2755



18.2217, 0.3208, 0.3241



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.3701, 0.3421, 0.3130



59.1134, 0.3499, 0.3095



37.3752, 0.3524, 0.3390



9.5822, 0.3242, 0.3221



7.4880, 0.5733, 0.2932



0.3053, 0.5031, 0.2545

Inverse Universe

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



35.3701, 0.3421, 0.3130



59.1134, 0.3499, 0.3095



43.9213, 0.2811, 0.3188



9.5822, 0.3242, 0.3221



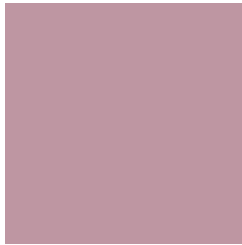
7.4880, 0.5733, 0.2932



0.3053, 0.5031, 0.2545

Previews

White Background



This preview shows how the Yxy color 35.3685, 0.3421, 0.3130 looks on a white background.

Color Contrast Check

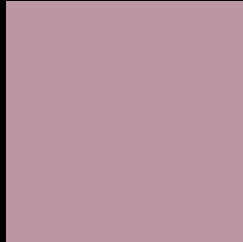
Large Text (above 18pt) WCAG AA × Fail

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 35.3685, 0.3421, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

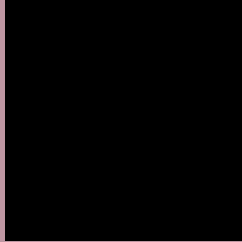
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3685, 0.3421, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 35.3685, 0.3421, 0.3130.



This preview shows how white text looks on a background with the Yxy color 35.3685, 0.3421, 0.3130.

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

35.3685, 0.3421, 0.3130

Protanopia

35.6501, 0.3076, 0.3175

Deuteranopia

35.5802, 0.3279, 0.3220



Tritanopia

35.3685, 0.3421, 0.3130

Trichromacy



Original Color

35.3685, 0.3421, 0.3130

Protanomaly

35.3008, 0.3193, 0.3149

Deuteranomaly

35.5082, 0.3332, 0.3194

Tritanomaly

35.3685, 0.3421, 0.3130

Monochromacy



Original Color

35.3685, 0.3421, 0.3130

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.9823, 0.3228, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3685, 0.3421, 0.3130 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(190, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(190, 150, 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(190, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 150, 162) }
```

Border

The CSS property to change the border of an element to Yxy 35.3685, 0.3421, 0.3130 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(190, 150, 162) }
```

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

```
.border{ border-color:rgb(190, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(190, 150,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3685, 0.3421, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 150, 162) }
```

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

```
.background{ background-color: rgb(190,  
150, 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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