

Converting Colors

$Y_{xy}(50.3045, 0.3135, 0.3112)$

Have a look what the booklet for
Yxy(50.3045, 0.3135, 0.3112)
contains.

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Color

Yxy(50.3640, 0.3135, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	C6B8C6
RGB	198, 184, 198
RGB Percent	78%, 72%, 78%
CMY	0.2236, 0.2784, 0.2235
CMYK	0.00, 0.07, 0.00, 0.22
HSL	300°, 11%, 75%
HSV	300°, 7%, 78%
XYZ	50.6224, 50.3640, 60.4885
YIQ	189.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

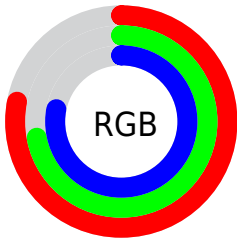
Format	Color
R _Y B	198, 184, 198
Decimal	13023430
CIE Lab	76.29, 7.48, -5.29
CIE LCh	76, 9.164, 324.757
Yxy	50.3640, 0.3135, 0.3119
Android (android.graphics.Color)	4291213510 (0xFFC6B8C6)
YUV	189.7820, 4.0515, 7.2072
Hunter-Lab	70.9676, 3.1337, -0.8579

Details

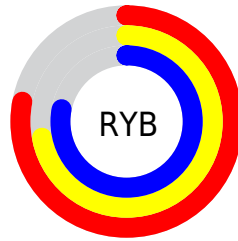
The Yxy color `50.3640, 0.3135, 0.3119` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `54.0503, 0.3119, 0.3467`, and the grayscale version is `51.3364, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.8002, 0.3134, 0.3146`, and `24.1755, 0.3137, 0.3077` is the 20% darker color. If you saturate the color by 10%, you get `42.7027, 0.3146, 0.2872`, and if you desaturate by 10%, it is `59.1812, 0.3124, 0.3359`.

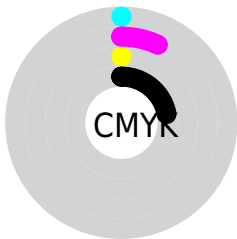
Distribution



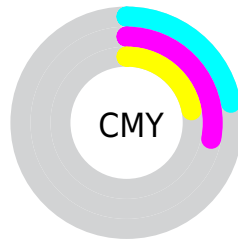
- Red (78%)
- Green (72%)
- Blue (78%)



- Red (78%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3640, 0.3135, 0.3119 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 50.3640, 0.3135, 0.3119 by changing the saturation by 10% instead.


 50.3640, 0.3135,
0.3119

 50.3640, 0.3135,
0.3119


388.0877, 0.3132,
0.3202

 35.7027, 0.3136,
0.3099


 90.7140, 0.3134,
0.3149

 24.2047, 0.3137,
0.3073


117.1714, 0.3133,
0.3160

 15.4855, 0.3137,
0.3040


148.3297, 0.3133,
0.3170

 9.1608, 0.3139,
0.2994

184.5733, 0.3133,
0.3178

 4.8462, 0.3140,
0.2928

226.2864, 0.3132,
0.3185

 2.1573, 0.3140,
0.2824

273.8536, 0.3132,

 0.6966, 0.3153,

0.3192

0.2600

327.6593, 0.3132,
0.3197

0.0000, 0.0000,
0.0000

50.3640, 0.3135,
0.3119

50.3640, 0.3135,
0.3119

42.7027, 0.3146,
0.2872

59.1812, 0.3124,
0.3359

36.1431, 0.3158,
0.2624

69.1926, 0.3113,
0.3588

30.6366, 0.3169,
0.2383

80.4426, 0.3104,
0.3801

26.1284, 0.3179,
0.2158

87.6198, 0.3098,
0.3919

22.5585, 0.3188,
0.1960

87.6241, 0.3098,
0.3919

■ 19.8609, 0.3195,
0.1796

■ 87.6283, 0.3099,
0.3919

■ 17.9606, 0.3200,
0.1672

■ 87.6325, 0.3099,
0.3919

■ 16.7702, 0.3203,
0.1590

■ 87.6367, 0.3099,
0.3919

■ 16.1709, 0.3205,
0.1548

■ 87.6409, 0.3099,
0.3919

Harmonies

Analogous

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



50.3640, 0.3013, 0.3080



50.3640, 0.3135, 0.3119



50.3640, 0.3257, 0.3202

Triad

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



50.3640, 0.3135, 0.3119



50.3640, 0.3334, 0.3486



50.3640, 0.2914, 0.3266

Complementary

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



50.3640, 0.3135, 0.3119



54.0503, 0.3119, 0.3467

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.



50.3640, 0.2997, 0.3380



50.3640, 0.3135, 0.3119



50.3640, 0.3239, 0.3509

Square

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



50.3640, 0.3135, 0.3119



50.3640, 0.3374, 0.3412



50.3640, 0.3116, 0.3470



50.3640, 0.2887, 0.3162

Rectangle

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



50.3640, 0.3135, 0.3119



50.3640, 0.3322, 0.3271



50.3640, 0.3116, 0.3470



50.3640, 0.2936, 0.3305

Sweetspot

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



50.3662, 0.3135, 0.3119



96.7876, 0.3129, 0.3241



48.6492, 0.3020, 0.3116



20.7502, 0.3129, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



50.3662, 0.3135, 0.3119



87.6618, 0.3136, 0.3093



50.0635, 0.3188, 0.3201



10.8158, 0.3138, 0.3062



10.4322, 0.3205, 0.1539



0.4942, 0.3206, 0.1540

Inverse Universe

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



49.7530, 0.3246, 0.3290



86.4248, 0.3265, 0.3290



54.3385, 0.3070, 0.3381



10.6372, 0.3289, 0.3290



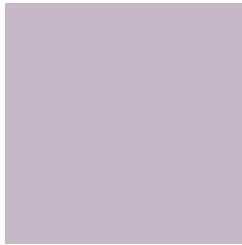
7.8082, 0.6399, 0.3299



0.3698, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 50.3640, 0.3135, 0.3119 looks on a white background.

Color Contrast Check

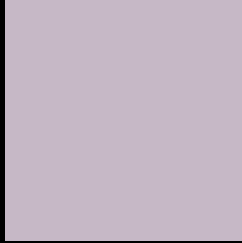
Large Text (above 18pt) WCAG AA × Fail

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 50.3640, 0.3135, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

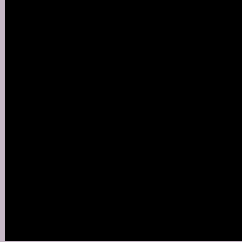
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

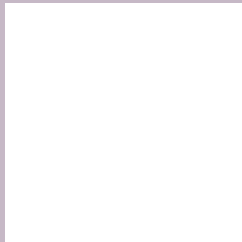
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3640, 0.3135, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 50.3640, 0.3135, 0.3119.



This preview shows how white text looks on a background with the Yxy color 50.3640, 0.3135, 0.3119.

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

50.3640, 0.3135, 0.3119

Protanopia

50.4021, 0.3037, 0.3128

Deuteranopia

50.5007, 0.3169, 0.3109



Tritanopia

50.3640, 0.3135, 0.3119

Trichromacy



Original Color

50.3640, 0.3135, 0.3119

Protanomaly

50.4478, 0.3077, 0.3129

Deuteranomaly

50.3617, 0.3161, 0.3108

Tritanomaly

50.3640, 0.3135, 0.3119

Monochromacy



Original Color

50.3640, 0.3135, 0.3119

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1542, 0.3130, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3640, 0.3135, 0.3119 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(198, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 198)  
}
```

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(198, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.3640, 0.3135, 0.3119 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(198, 184, 198) }
```

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

```
.border{ border-color:rgb(198, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3640, 0.3135, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 198) }
```

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

```
.background{ background-color: rgb(198,  
184, 198) }
```

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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