

Converting Colors

$Y_{xy}(52.8009, 0.3115, 0.3007)$

Have a look what the booklet for
Yxy(52.8009, 0.3115, 0.3007)
contains.

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Color

Yxy(53.0364, 0.3116, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	CFBAD2
RGB	207, 186, 210
RGB Percent	81%, 73%, 82%
CMY	0.1882, 0.2706, 0.1766
CMYK	0.01, 0.11, 0.00, 0.18
HSL	293°, 21%, 78%
HSV	293°, 11%, 82%
XYZ	54.9224, 53.0364, 68.3004
YIQ	195.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

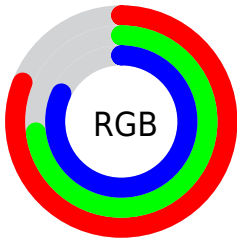
Format	Color
R _Y B	207, 186, 210
Decimal	13613778
CIE Lab	77.90, 11.73, -9.32
CIE LCh	78, 14.982, 321.556
Yxy	53.0364, 0.3116, 0.3009
Android (android.graphics.Color)	4291803858 (0xFFCFBAD2)
YUV	195.0150, 7.3876, 10.5108
Hunter-Lab	72.8261, 7.1715, -4.6273

Details

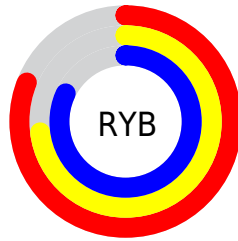
The Yxy color `53.0364, 0.3116, 0.3009` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.4445, 0.3136, 0.3584`, and the grayscale version is `54.5367, 0.3127, 0.3290`.

A 20% lighter version of the original color is `91.9843, 0.3133, 0.3165`, and `25.9477, 0.3111, 0.2933` is the 20% darker color. If you saturate the color by 10%, you get `44.4594, 0.3103, 0.2754`, and if you desaturate by 10%, it is `62.9242, 0.3126, 0.3256`.

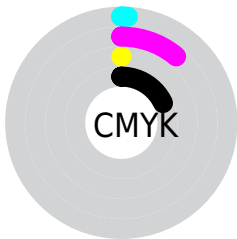
Distribution



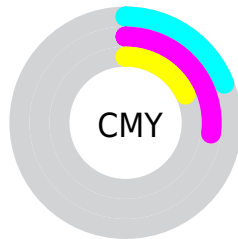
- Red (81%)
- Green (73%)
- Blue (82%)



- Red (81%)
- Yellow (73%)
- Blue (82%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0364, 0.3116, 0.3009 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 53.0364, 0.3116, 0.3009 by changing the saturation by 10% instead.

 53.0364, 0.3116,
0.3009

 53.0364, 0.3116,
0.3009


398.4248, 0.3123,
0.3144

 37.8318, 0.3114,
0.2977


 94.6579, 0.3119,
0.3057

 25.8522, 0.3111,
0.2937


121.8437, 0.3120,
0.3075

 16.7131, 0.3108,
0.2885


153.7919, 0.3120,
0.3091

 10.0301, 0.3102,
0.2815

190.8871, 0.3121,
0.3104

 5.4190, 0.3093,
0.2717

233.5136, 0.3121,
0.3116

 2.4951, 0.3076,
0.2567

282.0557, 0.3122,

 0.8742, 0.3041,

0.3126

0.2314

336.8980, 0.3122,
0.3135

0.0000, 0.1407,
0.0000

0.0000, 0.0000,
0.0000

53.0364, 0.3116,
0.3009

53.0364, 0.3116,
0.3009

44.4594, 0.3103,
0.2754

62.9242, 0.3126,
0.3256

37.1298, 0.3086,
0.2496

74.1691, 0.3133,
0.3490

30.9893, 0.3066,
0.2245

86.8233, 0.3138,
0.3708

25.9721, 0.3042,
0.2011

90.9890, 0.3151,
0.3766

■ 22.0061, 0.3016,
0.1802

■ 91.3924, 0.3167,
0.3763

■ 19.0108, 0.2986,
0.1630

■ 91.8021, 0.3184,
0.3761

■ 16.8939, 0.2955,
0.1500

■ 92.2182, 0.3200,
0.3759

■ 15.5452, 0.2923,
0.1414

■ 92.6407, 0.3217,
0.3756

■ 14.8337, 0.2895,
0.1369

■ 93.0696, 0.3233,
0.3754

Harmonies

Analogous

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



53.0364, 0.2924, 0.2955



53.0364, 0.3116, 0.3009



53.0364, 0.3316, 0.3132

Triad

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



53.0364, 0.3116, 0.3009



53.0364, 0.3472, 0.3594



53.0364, 0.2797, 0.3269

Complementary

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



53.0364, 0.3116, 0.3009



60.4445, 0.3136, 0.3584

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.



53.0364, 0.2936, 0.3454



53.0364, 0.3116, 0.3009



53.0364, 0.3325, 0.3645

Square

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



53.0364, 0.3116, 0.3009



53.0364, 0.3526, 0.3464



53.0364, 0.3128, 0.3595



53.0364, 0.2745, 0.3096

Rectangle

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



53.0364, 0.3116, 0.3009



53.0364, 0.3426, 0.3239



53.0364, 0.3128, 0.3595



53.0364, 0.2835, 0.3332

Sweetspot

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



53.0387, 0.3116, 0.3009



95.0362, 0.3125, 0.3217



51.5745, 0.2949, 0.3034



20.0647, 0.3124, 0.3197



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.



53.0387, 0.3116, 0.3009



78.4694, 0.3113, 0.2940



53.0450, 0.3209, 0.3112



11.9316, 0.3118, 0.3060



9.0804, 0.2900, 0.1371



0.5291, 0.2960, 0.1404

Inverse Universe

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



52.4923, 0.3306, 0.3255



77.4468, 0.3356, 0.3246



60.4535, 0.3054, 0.3475



11.8318, 0.3271, 0.3261



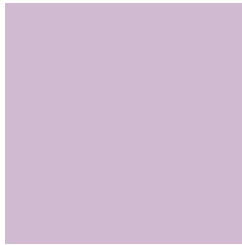
8.4115, 0.6234, 0.3208



0.4784, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 53.0364, 0.3116, 0.3009 looks on a white background.

Color Contrast Check

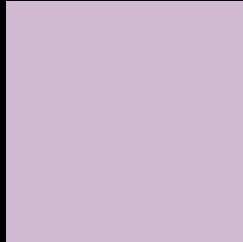
Large Text (above 18pt) WCAG AA × Fail

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 53.0364, 0.3116, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

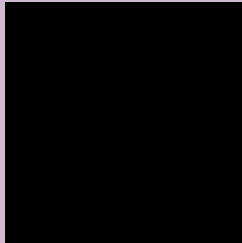
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0364, 0.3116, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 53.0364, 0.3116, 0.3009.



This preview shows how white text looks on a background with the Yxy color 53.0364, 0.3116, 0.3009.

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

53.0364, 0.3116, 0.3009

Protanopia

53.0128, 0.2959, 0.3023

Deuteranopia

53.0312, 0.3091, 0.3019



Tritanopia

52.9267, 0.3168, 0.3112

Trichromacy



Original Color

53.0364, 0.3116, 0.3009

Protanomaly

52.8844, 0.3012, 0.3014

Deuteranomaly

53.1729, 0.3099, 0.3019

Tritanomaly

53.0702, 0.3145, 0.3077

Monochromacy



Original Color

53.0364, 0.3116, 0.3009

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.0115, 0.3124, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0364, 0.3116, 0.3009 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(207, 186, 210)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 210)  
}
```

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(207, 186, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 210) }
```

Border

The CSS property to change the border of an element to Yxy 53.0364, 0.3116, 0.3009 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(207, 186, 210) }
```

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

```
.border{ border-color:rgb(207, 186, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 210);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0364, 0.3116, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 210) }
```

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

```
.background{ background-color: rgb(207,  
186, 210) }
```

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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