

Converting Colors

Yxy(52.0265, 0.3141, 0.3115)

Have a look what the booklet for
Yxy(52.0265, 0.3141, 0.3115)
contains.

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Color

Yxy(51.8914, 0.3144, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	CABAC9
RGB	202, 186, 201
RGB Percent	79%, 73%, 79%
CMY	0.2078, 0.2706, 0.2118
CMYK	0.00, 0.08, 0.01, 0.21
HSL	304°, 13%, 76%
HSV	304°, 8%, 79%
XYZ	52.4587, 51.8914, 62.5033
YIQ	192.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

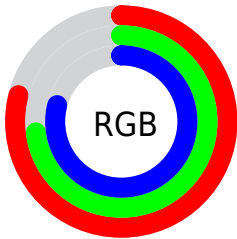
Format	Color
R _{YB}	202, 186, 201
Decimal	13286089
CIE _{Lab}	77.22, 8.35, -5.50
CIE _{LCh}	77, 9.995, 326.609
Y _{xy}	51.8914, 0.3144, 0.3110
Android (android.graphics.Color)	4291476169 (0xFFCABAC9)
YUV	192.4940, 4.1935, 8.3368
Hunter-Lab	72.0357, 3.9270, -1.0192

Details

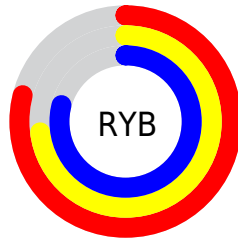
The Yxy color **51.8914, 0.3144, 0.3110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2724, 0.3111, 0.3477**, and the grayscale version is **52.9903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **25.1775, 0.3149, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **43.9151, 0.3167, 0.2877**, and if you desaturate by 10%, it is **61.0759, 0.3123, 0.3336**.

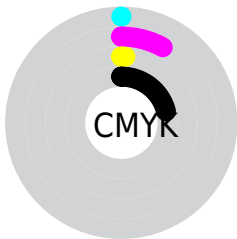
Distribution



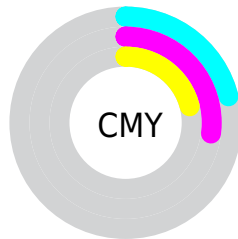
- Red (79%)
- Green (73%)
- Blue (79%)



- Red (79%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (21%)




- Cyan (21%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8914, 0.3144, 0.3110 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 51.8914, 0.3144, 0.3110 by changing the saturation by 10% instead.

 51.8914, 0.3144,
0.3110

 51.8914, 0.3144,
0.3110


394.0172, 0.3136,
0.3197

 36.9185, 0.3146,
0.3089


 92.9711, 0.3141,
0.3141

 25.1444, 0.3148,
0.3062


119.8466, 0.3140,
0.3153

 16.1847, 0.3151,
0.3028


151.4585, 0.3139,
0.3163

 9.6549, 0.3154,
0.2981

188.1912, 0.3139,
0.3172

 5.1708, 0.3158,
0.2914

230.4290, 0.3138,
0.3179

 2.3478, 0.3164,
0.2809

278.5563, 0.3137,

 0.7988, 0.3174,

0.3186

0.2617

332.9576, 0.3137,
0.3192

0.0000, 0.0000,
0.0000

51.8914, 0.3144,
0.3110

51.8914, 0.3144,
0.3110

43.9151, 0.3167,
0.2877

61.0759, 0.3123,
0.3336

37.0900, 0.3192,
0.2642

71.5092, 0.3104,
0.3551

31.3647, 0.3219,
0.2413

83.2382, 0.3088,
0.3752

26.6811, 0.3247,
0.2200

88.5394, 0.3077,
0.3823

22.9759, 0.3275,
0.2011

88.6020, 0.3070,
0.3808

■ 20.1789, 0.3302,
0.1856

■ 88.6651, 0.3063,
0.3794

■ 18.2105, 0.3328,
0.1741

■ 88.7287, 0.3056,
0.3779

■ 16.9774, 0.3351,
0.1670

■ 88.7928, 0.3049,
0.3765

■ 16.3426, 0.3372,
0.1638

■ 88.8575, 0.3042,
0.3751

Harmonies

Analogous

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



51.8914, 0.3011, 0.3064



51.8914, 0.3144, 0.3110



51.8914, 0.3275, 0.3201

Triad

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



51.8914, 0.3144, 0.3110



51.8914, 0.3346, 0.3505



51.8914, 0.2893, 0.3256

Complementary

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



51.8914, 0.3144, 0.3110



56.2724, 0.3111, 0.3477

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.



51.8914, 0.2979, 0.3380



51.8914, 0.3144, 0.3110



51.8914, 0.3240, 0.3526

Square

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



51.8914, 0.3144, 0.3110



51.8914, 0.3393, 0.3427



51.8914, 0.3106, 0.3480



51.8914, 0.2868, 0.3145

Rectangle

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



51.8914, 0.3144, 0.3110



51.8914, 0.3342, 0.3277



51.8914, 0.3106, 0.3480



51.8914, 0.2916, 0.3298

Sweetspot

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



51.8936, 0.3144, 0.3110



96.7683, 0.3131, 0.3245



49.9243, 0.3013, 0.3090



20.7462, 0.3131, 0.3247



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.



51.8936, 0.3144, 0.3110



84.6920, 0.3149, 0.3059



51.5364, 0.3205, 0.3203



11.3910, 0.3147, 0.3076



10.4544, 0.3374, 0.1632



0.5431, 0.3338, 0.1613

Inverse Universe

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



51.8936, 0.3144, 0.3110



84.6920, 0.3149, 0.3059



56.6150, 0.3056, 0.3379



11.3910, 0.3147, 0.3076



10.4544, 0.3374, 0.1632



0.5431, 0.3338, 0.1613

Previews

White Background



This preview shows how the Yxy color 51.8914, 0.3144, 0.3110 looks on a white background.

Color Contrast Check

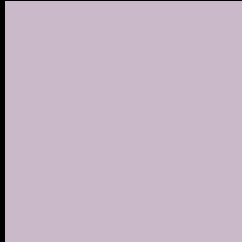
Large Text (above 18pt) WCAG AA × Fail

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 51.8914, 0.3144, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

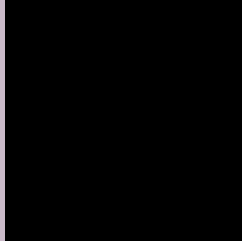
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8914, 0.3144, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 51.8914, 0.3144, 0.3110.



This preview shows how white text looks on a background with the Yxy color 51.8914, 0.3144, 0.3110.

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

51.8914, 0.3144, 0.3110

Protanopia

52.2151, 0.3038, 0.3130

Deuteranopia

51.7523, 0.3161, 0.3099



Tritanopia

51.8914, 0.3144, 0.3110

Trichromacy



Original Color

51.8914, 0.3144, 0.3110

Protanomaly

52.2616, 0.3078, 0.3132

Deuteranomaly

51.6115, 0.3153, 0.3098

Tritanomaly

51.8914, 0.3144, 0.3110

Monochromacy



Original Color

51.8914, 0.3144, 0.3110

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5028, 0.3138, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8914, 0.3144, 0.3110 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(202, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 201)  
}
```

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(202, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 201) }
```

Border

The CSS property to change the border of an element to Yxy 51.8914, 0.3144, 0.3110 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(202, 186, 201) }
```

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

```
.border{ border-color:rgb(202, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8914, 0.3144, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 201) }
```

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

```
.background{ background-color: rgb(202,  
186, 201) }
```

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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