

Converting Colors

$Y_{xy}(50.5571, 0.3114, 0.3012)$

Have a look what the booklet for
Yxy(50.5571, 0.3114, 0.3012)
contains.

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Color

Yxy(50.4202, 0.3115, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	CAB6CD
RGB	202, 182, 205
RGB Percent	79%, 71%, 80%
CMY	0.2078, 0.2863, 0.1960
CMYK	0.01, 0.11, 0.00, 0.20
HSL	292°, 19%, 76%
HSV	292°, 11%, 80%
XYZ	52.1098, 50.4202, 64.7567
YIQ	190.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

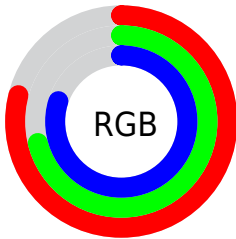
Format	Color
R _Y B	202, 182, 205
Decimal	13285069
CIE Lab	76.33, 11.27, -9.01
CIE LCh	76, 14.426, 321.358
Yxy	50.4202, 0.3115, 0.3014
Android (android.graphics.Color)	4291475149 (0xFFCAB6CD)
YUV	190.6020, 7.0982, 9.9960
Hunter-Lab	71.0072, 6.7326, -4.3659

Details

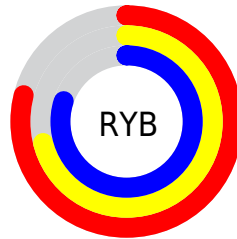
The Yxy color **50.4202, 0.3115, 0.3014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3651, 0.3137, 0.3578**, and the grayscale version is **51.8169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **24.2308, 0.3110, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **42.2607, 0.3101, 0.2759**, and if you desaturate by 10%, it is **59.8199, 0.3126, 0.3261**.

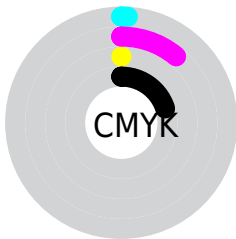
Distribution



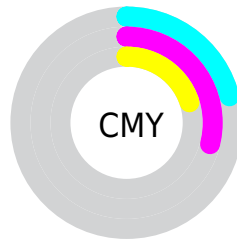
- Red (79%)
- Green (71%)
- Blue (80%)



- Red (79%)
- Yellow (71%)
- Blue (80%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)




- Cyan (21%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4202, 0.3115, 0.3014 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 50.4202, 0.3115, 0.3014 by changing the saturation by 10% instead.


 50.4202, 0.3115,
0.3014

 50.4202, 0.3115,
0.3014


388.3069, 0.3122,
0.3148

 35.7474, 0.3113,
0.2982


 90.7972, 0.3118,
0.3062

 24.2392, 0.3110,
0.2942


117.2701, 0.3119,
0.3080

 15.5111, 0.3106,
0.2889


148.4452, 0.3120,
0.3095

 9.1789, 0.3100,
0.2818

184.7068, 0.3120,
0.3108

 4.8580, 0.3090,
0.2716

226.4394, 0.3121,
0.3120

 2.1642, 0.3072,
0.2560

274.0274, 0.3121,

 0.7004, 0.3044,

0.3130

0.2256

327.8551, 0.3122,
0.3139

0.0000, 0.0000,
0.0000

50.4202, 0.3115,
0.3014

50.4202, 0.3115,
0.3014

42.2607, 0.3101,
0.2759

59.8199, 0.3126,
0.3261

35.2816, 0.3083,
0.2501

70.5034, 0.3134,
0.3494

29.4281, 0.3061,
0.2250

82.5199, 0.3140,
0.3711

24.6381, 0.3036,
0.2014

90.0331, 0.3149,
0.3824

20.8439, 0.3007,
0.1804

90.4359, 0.3166,
0.3822

■ 17.9697, 0.2976,
0.1629

■ 90.8453, 0.3183,
0.3819

■ 15.9287, 0.2943,
0.1496

■ 91.2613, 0.3200,
0.3816

■ 14.6178, 0.2909,
0.1408

■ 91.6840, 0.3217,
0.3813

■ 13.9054, 0.2879,
0.1360

■ 92.1134, 0.3234,
0.3811

Harmonies

Analogous

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



50.4202, 0.2927, 0.2961



50.4202, 0.3115, 0.3014



50.4202, 0.3311, 0.3135

Triad

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



50.4202, 0.3115, 0.3014



50.4202, 0.3466, 0.3587



50.4202, 0.2804, 0.3270

Complementary

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



50.4202, 0.3115, 0.3014



57.3651, 0.3137, 0.3578

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.



50.4202, 0.2941, 0.3452



50.4202, 0.3115, 0.3014



50.4202, 0.3322, 0.3638

Square

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



50.4202, 0.3115, 0.3014



50.4202, 0.3517, 0.3460



50.4202, 0.3130, 0.3589



50.4202, 0.2752, 0.3102

Rectangle

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



50.4202, 0.3115, 0.3014



50.4202, 0.3419, 0.3239



50.4202, 0.3130, 0.3589



50.4202, 0.2841, 0.3332

Sweetspot

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



50.4224, 0.3115, 0.3014



95.0269, 0.3124, 0.3217



49.0794, 0.2952, 0.3039



20.0622, 0.3123, 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.



50.4224, 0.3115, 0.3014



79.8316, 0.3113, 0.2965



50.4488, 0.3207, 0.3115



11.3266, 0.3117, 0.3060



8.6840, 0.2884, 0.1363



0.4692, 0.2952, 0.1400

Inverse Universe

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



49.9397, 0.3301, 0.3254



78.9236, 0.3336, 0.3247



57.3550, 0.3055, 0.3472



11.2371, 0.3270, 0.3260



8.1365, 0.6219, 0.3200



0.4278, 0.5783, 0.2959

Previews

White Background



This preview shows how the Yxy color 50.4202, 0.3115, 0.3014 looks on a white background.

Color Contrast Check

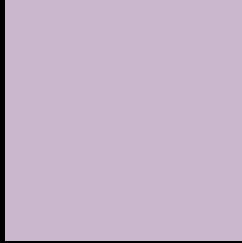
Large Text (above 18pt) WCAG AA × Fail

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 50.4202, 0.3115, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

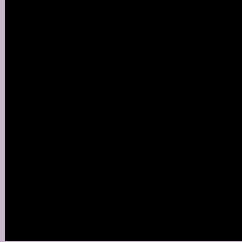
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4202, 0.3115, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 50.4202, 0.3115, 0.3014.



This preview shows how white text looks on a background with the Yxy color 50.4202, 0.3115, 0.3014.

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

50.4202, 0.3115, 0.3014

Protanopia

50.5338, 0.2963, 0.3030

Deuteranopia

50.4169, 0.3090, 0.3024



Tritanopia

50.3617, 0.3161, 0.3108

Trichromacy



Original Color

50.4202, 0.3115, 0.3014

Protanomaly

50.4094, 0.3017, 0.3021

Deuteranomaly

50.5541, 0.3098, 0.3025

Tritanomaly

50.5015, 0.3137, 0.3073

Monochromacy



Original Color

50.4202, 0.3115, 0.3014

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5541, 0.3124, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4202, 0.3115, 0.3014 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, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(202, 182, 205)  
}
```

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, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 182, 205) }
```

Border

The CSS property to change the border of an element to Yxy 50.4202, 0.3115, 0.3014 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, 182, 205) }
```

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

```
.border{ border-color:rgb(202, 182, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 182, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(202, 182,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4202, 0.3115, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 182, 205) }
```

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

```
.background{ background-color: rgb(202,  
182, 205) }
```

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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