

Converting Colors

$Yxy(46.1134, 0.3189, 0.3103)$

Have a look what the booklet for
Yxy(46.1134, 0.3189, 0.3103)
contains.

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Color

Yxy(46.1134, 0.3189, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	C4AFBE
RGB	196, 175, 190
RGB Percent	77%, 69%, 75%
CMY	0.2313, 0.3137, 0.2550
CMYK	0.00, 0.11, 0.03, 0.23
HSL	317°, 15%, 73%
HSV	317°, 11%, 77%
XYZ	47.3914, 46.1134, 55.1042
YIQ	182.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

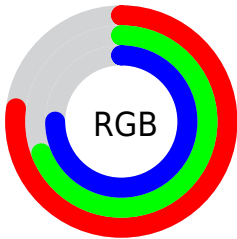
Format	Color
R_{YB}	196, 175, 190
Decimal	12890046
CIE _{Lab}	73.62, 10.19, -4.87
CIE _{LCh}	74, 11.295, 334.481
Yxy	46.1134, 0.3189, 0.3103
Android (android.graphics.Color)	4291080126 (0xFFC4AFBE)
YUV	182.9890, 3.4564, 11.4106
Hunter-Lab	67.9068, 5.7362, -0.5772

Details

The Yxy color $46.1134, 0.3189, 0.3103$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.9426, 0.3070, 0.3485$, and the grayscale version is $47.3268, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.6883, 0.3182, 0.3143$, and $21.7228, 0.3199, 0.3054$ is the 20% darker color. If you saturate the color by 10%, you get $38.7890, 0.3257, 0.2921$, and if you desaturate by 10%, it is $54.5590, 0.3131, 0.3278$.

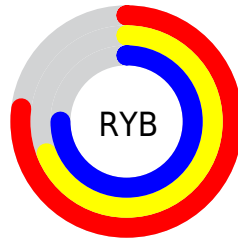
Distribution



Red (77%)

Green (69%)

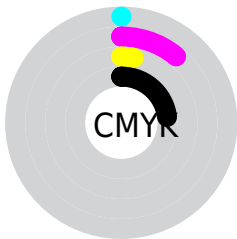
Blue (75%)



Red (77%)

Yellow (69%)

Blue (75%)

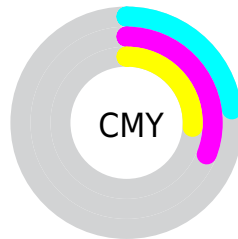


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1134, 0.3189, 0.3103 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 46.1134, 0.3189, 0.3103 by changing the saturation by 10% instead.


 46.1134, 0.3189,
0.3103

 46.1134, 0.3189,
0.3103


371.2644, 0.3159,
0.3195

 32.3353, 0.3196,
0.3080


 84.3887, 0.3178,
0.3136

 21.6177, 0.3206,
0.3051


109.6547, 0.3174,
0.3149

 13.5763, 0.3218,
0.3013


139.5188, 0.3170,
0.3160

 7.8266, 0.3235,
0.2960

174.3653, 0.3167,
0.3169

 3.9842, 0.3260,
0.2882

214.5788, 0.3165,
0.3177

 1.6647, 0.3299,
0.2757

260.5435, 0.3163,

 0.4007, 0.3485,

0.3184

0.2218

312.6439, 0.3161,
0.3190

0.0000, 0.0000,
0.0000

46.1134, 0.3189,
0.3103

46.1134, 0.3189,
0.3103

38.7890, 0.3257,
0.2921

54.5590, 0.3131,
0.3278

32.5321, 0.3336,
0.2737

64.1645, 0.3082,
0.3443

27.2937, 0.3426,
0.2556

74.9742, 0.3041,
0.3597

23.0185, 0.3527,
0.2386

87.0283, 0.3006,
0.3739

19.6460, 0.3638,
0.2238

88.3297, 0.2976,
0.3692

■ 17.1088, 0.3755,
0.2123

■ 88.6302, 0.2946,
0.3628

■ 15.3298, 0.3876,
0.2049

■ 88.9409, 0.2916,
0.3565

■ 14.2179, 0.3995,
0.2022

■ 89.2618, 0.2886,
0.3503

■ 13.6219, 0.4104,
0.2034

■ 89.5931, 0.2857,
0.3441

Harmonies

Analogous

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



46.1134, 0.3029, 0.3034



46.1134, 0.3189, 0.3103



46.1134, 0.3335, 0.3219

Triad

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



46.1134, 0.3189, 0.3103



46.1134, 0.3357, 0.3557



46.1134, 0.2838, 0.3212

Complementary

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



46.1134, 0.3189, 0.3103



51.9426, 0.3070, 0.3485

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.



46.1134, 0.2921, 0.3359



46.1134, 0.3189, 0.3103



46.1134, 0.3220, 0.3562

Square

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



46.1134, 0.3189, 0.3103



46.1134, 0.3434, 0.3479



46.1134, 0.3060, 0.3489



46.1134, 0.2829, 0.3092

Rectangle

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



46.1134, 0.3189, 0.3103



46.1134, 0.3404, 0.3310



46.1134, 0.3060, 0.3489



46.1134, 0.2858, 0.3260

Sweetspot

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



46.1154, 0.3189, 0.3103



95.0749, 0.3144, 0.3238



44.4648, 0.3011, 0.3019



20.0752, 0.3148, 0.3224



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.



46.1154, 0.3189, 0.3103



80.0439, 0.3205, 0.3059



45.6759, 0.3277, 0.3233



10.1965, 0.3181, 0.3127



8.7658, 0.4089, 0.2026



0.3902, 0.3849, 0.1894

Inverse Universe

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



46.1154, 0.3189, 0.3103



80.0439, 0.3205, 0.3059



52.3868, 0.2996, 0.3348



10.1965, 0.3181, 0.3127



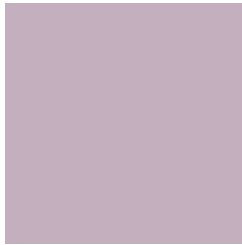
8.7658, 0.4089, 0.2026



0.3902, 0.3849, 0.1894

Previews

White Background



This preview shows how the Yxy color 46.1134, 0.3189, 0.3103 looks on a white background.

Color Contrast Check

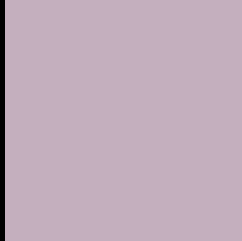
Large Text (above 18pt) WCAG AA × Fail

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 46.1134, 0.3189, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

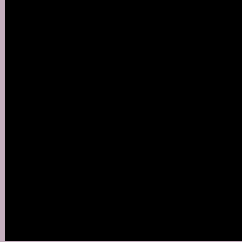
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1134, 0.3189, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 46.1134, 0.3189, 0.3103.



This preview shows how white text looks on a background with the Yxy color 46.1134, 0.3189, 0.3103.

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

46.1134, 0.3189, 0.3103

Protanopia

46.3165, 0.3034, 0.3122

Deuteranopia

46.2377, 0.3170, 0.3114



Tritanopia

46.0698, 0.3197, 0.3115

Trichromacy



Original Color

46.1134, 0.3189, 0.3103

Protanomaly

46.0857, 0.3084, 0.3111

Deuteranomaly

46.3705, 0.3179, 0.3115

Tritanomaly

46.0698, 0.3197, 0.3115

Monochromacy



Original Color

46.1134, 0.3189, 0.3103

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.8791, 0.3148, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1134, 0.3189, 0.3103 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(196, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 190)  
}
```

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(196, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.1134, 0.3189, 0.3103 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(196, 175, 190) }
```

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

```
.border{ border-color:rgb(196, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1134, 0.3189, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 190) }
```

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

```
.background{ background-color: rgb(196,  
175, 190) }
```

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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