

Converting Colors

$Y_{xy}(46.5577, 0.3159, 0.3047)$

Have a look what the booklet for
Yxy(46.5577, 0.3159, 0.3047)
contains.

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Color

Yxy(46.4704, 0.3156, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	C5AFC3
RGB	197, 175, 195
RGB Percent	77%, 69%, 76%
CMY	0.2276, 0.3136, 0.2354
CMYK	0.00, 0.11, 0.01, 0.23
HSL	305°, 16%, 73%
HSV	305°, 11%, 77%
XYZ	48.1961, 46.4704, 58.0460
YIQ	183.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

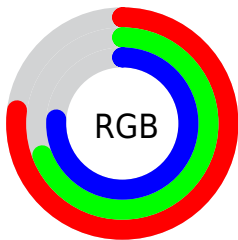
Format	Color
RYB	197, 175, 195
Decimal	12955587
CIELab	73.85, 11.43, -7.26
CIELCh	74, 13.539, 327.594
Yxy	46.4704, 0.3156, 0.3043
Android (android.graphics.Color)	4291145667 (0xFFC5AFC3)
YUV	183.8580, 5.4930, 11.5255
Hunter-Lab	68.1692, 6.9045, -2.7669

Details

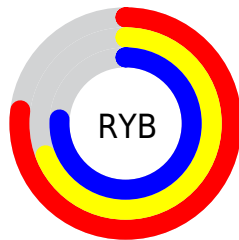
The Yxy color $46.4704, 0.3156, 0.3043$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.2048, 0.3099, 0.3550$, and the grayscale version is $47.8149, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.2509, 0.3150, 0.3086$, and $21.9286, 0.3165, 0.2989$ is the 20% darker color. If you saturate the color by 10%, you get $39.2753, 0.3185, 0.2815$, and if you desaturate by 10%, it is $54.7887, 0.3130, 0.3265$.

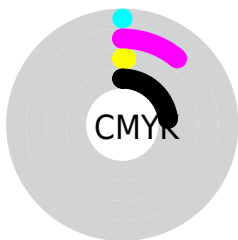
Distribution



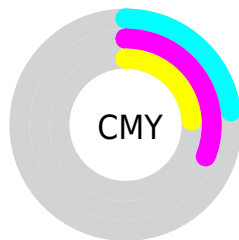
- Red (77%)
- Green (69%)
- Blue (76%)



- Red (77%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4704, 0.3156, 0.3043 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 46.4704, 0.3156, 0.3043 by changing the saturation by 10% instead.


 46.4704, 0.3156,
0.3043

 46.4704, 0.3156,
0.3043


372.6966, 0.3143,
0.3164

 32.6172, 0.3159,
0.3013


 84.9226, 0.3151,
0.3087

 21.8333, 0.3163,
0.2976


110.2903, 0.3150,
0.3103

 13.7345, 0.3167,
0.2926


140.2650, 0.3148,
0.3117

 7.9362, 0.3173,
0.2858

175.2310, 0.3147,
0.3129

 4.0542, 0.3181,
0.2759

215.5728, 0.3145,
0.3140

 1.7039, 0.3192,
0.2601

261.6747, 0.3144,

 0.4262, 0.3286,

0.3149

0.2047

313.9212, 0.3143,
0.3157

0.0000, 0.0000,
0.0000

46.4704, 0.3156,
0.3043

46.4704, 0.3156,
0.3043

39.2753, 0.3185,
0.2815

54.7887, 0.3130,
0.3265

33.1493, 0.3217,
0.2587

64.2695, 0.3107,
0.3477

28.0426, 0.3251,
0.2368

74.9576, 0.3087,
0.3677

23.8992, 0.3287,
0.2165

86.8936, 0.3069,
0.3861

20.6577, 0.3323,
0.1989

87.7381, 0.3059,
0.3853

■ 18.2496, 0.3359,
0.1849

■ 87.8239, 0.3049,
0.3833

■ 16.5968, 0.3393,
0.1750

■ 87.9106, 0.3040,
0.3813

■ 15.6061, 0.3425,
0.1695

■ 87.9983, 0.3030,
0.3792

■ 15.1267, 0.3451,
0.1675

■ 88.0870, 0.3020,
0.3772

Harmonies

Analogous

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



46.4704, 0.2969, 0.2977



46.4704, 0.3156, 0.3043



46.4704, 0.3340, 0.3170

Triad

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



46.4704, 0.3156, 0.3043



46.4704, 0.3431, 0.3594



46.4704, 0.2798, 0.3235

Complementary

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



46.4704, 0.3156, 0.3043



52.2048, 0.3099, 0.3550

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.



46.4704, 0.2915, 0.3412



46.4704, 0.3156, 0.3043



46.4704, 0.3279, 0.3623

Square

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



46.4704, 0.3156, 0.3043



46.4704, 0.3501, 0.3484



46.4704, 0.3090, 0.3557



46.4704, 0.2767, 0.3081

Rectangle

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



46.4704, 0.3156, 0.3043



46.4704, 0.3434, 0.3275



46.4704, 0.3090, 0.3557



46.4704, 0.2828, 0.3294

Sweetspot

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



46.4724, 0.3156, 0.3043



95.1714, 0.3135, 0.3224



44.0273, 0.2969, 0.3005



20.1014, 0.3137, 0.3206



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.



46.4724, 0.3156, 0.3043



80.4517, 0.3162, 0.2996



46.0007, 0.3246, 0.3176



10.7995, 0.3151, 0.3083



9.9606, 0.3448, 0.1673



0.4766, 0.3392, 0.1642

Inverse Universe

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



46.4724, 0.3156, 0.3043



80.4517, 0.3162, 0.2996



52.6534, 0.3022, 0.3407



10.7995, 0.3151, 0.3083



9.9606, 0.3448, 0.1673



0.4766, 0.3392, 0.1642

Previews

White Background



This preview shows how the Yxy color 46.4704, 0.3156, 0.3043 looks on a white background.

Color Contrast Check

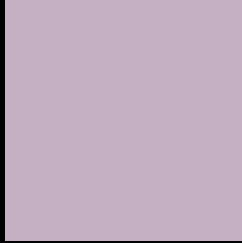
Large Text (above 18pt) WCAG AA × Fail

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 46.4704, 0.3156, 0.3043 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 46.4704, 0.3156, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 46.4704, 0.3156, 0.3043.



This preview shows how white text looks on a background with the Yxy color 46.4704, 0.3156, 0.3043.

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

46.4704, 0.3156, 0.3043

Protanopia

46.4230, 0.2987, 0.3059

Deuteranopia

46.3283, 0.3121, 0.3052



Tritanopia

46.5041, 0.3188, 0.3115

Trichromacy



Original Color

46.4704, 0.3156, 0.3043

Protanomaly

46.3111, 0.3045, 0.3049

Deuteranomaly

46.4601, 0.3130, 0.3053

Tritanomaly

46.5922, 0.3171, 0.3091

Monochromacy



Original Color

46.4704, 0.3156, 0.3043

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4974, 0.3140, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4704, 0.3156, 0.3043 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(197, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 195)  
}
```

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(197, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 195) }
```

Border

The CSS property to change the border of an element to Yxy 46.4704, 0.3156, 0.3043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

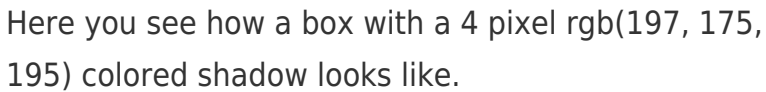
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 175, 195) }
```

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

```
.border{ border-color:rgb(197, 175, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 195);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4704, 0.3156, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 195) }
```

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

```
.background{ background-color: rgb(197,  
175, 195) }
```

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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