

Converting Colors

$Y_{xy}(46.8181, 0.3264, 0.3149)$

Have a look what the booklet for
Yxy(46.8181, 0.3264, 0.3149)
contains.

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Color

Yxy(46.6653, 0.3258, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	C9AFBB
RGB	201, 175, 187
RGB Percent	79%, 69%, 73%
CMY	0.2117, 0.3137, 0.2667
CMYK	0.00, 0.13, 0.07, 0.21
HSL	332°, 19%, 74%
HSV	332°, 13%, 79%
XYZ	48.3881, 46.6653, 53.4676
YIQ	184.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

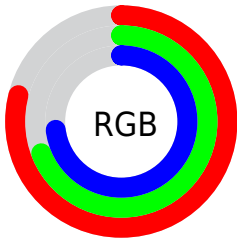
Format	Color
R _Y B	201, 175, 187
Decimal	13217723
CIE Lab	73.98, 11.42, -2.66
CIE LCh	74, 11.724, 346.895
Yxy	46.6653, 0.3258, 0.3142
Android (android.graphics.Color)	4291407803 (0xFFC9AFBB)
YUV	184.1420, 1.4090, 14.7845
Hunter-Lab	68.3120, 6.8927, 1.4123

Details

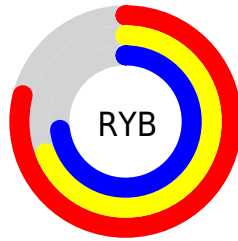
The Yxy color $46.6653, 0.3258, 0.3142$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.5666, 0.3013, 0.3443$, and the grayscale version is $48.0039, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8829, 0.3214, 0.3173$, and $22.0902, 0.3294, 0.3107$ is the 20% darker color. If you saturate the color by 10%, you get $38.9698, 0.3384, 0.3021$, and if you desaturate by 10%, it is $55.5646, 0.3154, 0.3257$.

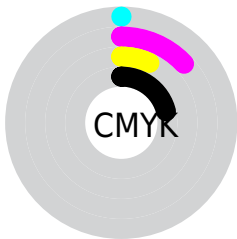
Distribution



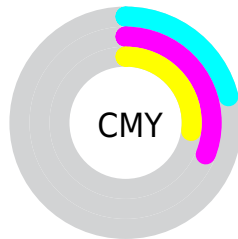
- Red (79%)
- Green (69%)
- Blue (73%)



- Red (79%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (21%)




- Cyan (21%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6653, 0.3258, 0.3142 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 46.6653, 0.3258, 0.3142 by changing the saturation by 10% instead.


 46.6653, 0.3258,
0.3142

 46.6653, 0.3258,
0.3142


373.4770, 0.3193,
0.3215

 32.7711, 0.3274,
0.3124


 85.2138, 0.3234,
0.3168

 21.9512, 0.3295,
0.3101


110.6369, 0.3226,
0.3178

 13.8210, 0.3322,
0.3070


140.6719, 0.3218,
0.3187

 7.9963, 0.3360,
0.3028

175.7029, 0.3212,
0.3194

 4.0926, 0.3417,
0.2966

216.1146, 0.3206,
0.3201

 1.7255, 0.3510,
0.2864

262.2912, 0.3201,

 0.4401, 0.3868,

0.3206

0.2442

314.6172, 0.3197,
0.3211

0.0000, 0.0000,
0.0000

46.6653, 0.3258,
0.3142

46.6653, 0.3258,
0.3142

38.9698, 0.3384,
0.3021

55.5646, 0.3154,
0.3257

32.4199, 0.3534,
0.2897

65.7103, 0.3068,
0.3366

26.9617, 0.3713,
0.2776

77.1507, 0.2998,
0.3466

22.5347, 0.3922,
0.2665

89.6700, 0.2940,
0.3553

19.0721, 0.4158,
0.2575

90.2987, 0.2882,
0.3436

■ 16.4996, 0.4417,
0.2518

■ 90.9660, 0.2826,
0.3321

■ 14.7314, 0.4688,
0.2507

■ 91.1588, 0.2811,
0.3289

■ 13.6649, 0.4955,
0.2549

■ 13.2037, 0.5137,
0.2603

Harmonies

Analogous

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



46.6653, 0.3093, 0.3048



46.6653, 0.3258, 0.3142



46.6653, 0.3390, 0.3274

Triad

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



46.6653, 0.3258, 0.3142



46.6653, 0.3312, 0.3578



46.6653, 0.2815, 0.3153

Complementary

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



46.6653, 0.3258, 0.3142



54.5666, 0.3013, 0.3443

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.



46.6653, 0.2870, 0.3298



46.6653, 0.3258, 0.3142



46.6653, 0.3155, 0.3549

Square

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



46.6653, 0.3258, 0.3142



46.6653, 0.3421, 0.3526



46.6653, 0.2994, 0.3445



46.6653, 0.2840, 0.3050

Rectangle

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



46.6653, 0.3258, 0.3142



46.6653, 0.3440, 0.3369



46.6653, 0.2994, 0.3445



46.6653, 0.2824, 0.3198

Sweetspot

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



46.6674, 0.3258, 0.3142



93.3149, 0.3165, 0.3245



45.6809, 0.3038, 0.2964



19.7125, 0.3172, 0.3236



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.



46.6674, 0.3258, 0.3142



75.3385, 0.3297, 0.3103



46.5135, 0.3359, 0.3302



10.7170, 0.3219, 0.3184



8.3192, 0.5103, 0.2585



0.4085, 0.4607, 0.2312

Inverse Universe

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



46.6674, 0.3258, 0.3142



75.3385, 0.3297, 0.3103



54.7062, 0.2931, 0.3279



10.7170, 0.3219, 0.3184



8.3192, 0.5103, 0.2585



0.4085, 0.4607, 0.2312

Previews

White Background



This preview shows how the Yxy color 46.6653, 0.3258, 0.3142 looks on a white background.

Color Contrast Check

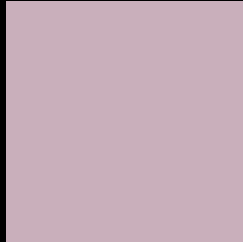
Large Text (above 18pt) WCAG AA × Fail

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 46.6653, 0.3258, 0.3142 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 46.6653, 0.3258, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 46.6653, 0.3258, 0.3142.



This preview shows how white text looks on a background with the Yxy color 46.6653, 0.3258, 0.3142.

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

46.6653, 0.3258, 0.3142

Protanopia

46.8766, 0.3066, 0.3161

Deuteranopia

46.5088, 0.3221, 0.3153



Tritanopia

46.7083, 0.3249, 0.3130

Trichromacy



Original Color

46.6653, 0.3258, 0.3142

Protanomaly

46.9051, 0.3134, 0.3151

Deuteranomaly

46.6443, 0.3230, 0.3153

Tritanomaly

46.7083, 0.3249, 0.3130

Monochromacy



Original Color

46.6653, 0.3258, 0.3142

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4977, 0.3172, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6653, 0.3258, 0.3142 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(201, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 175, 187)  
}
```

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(201, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 187) }
```

Border

The CSS property to change the border of an element to Yxy 46.6653, 0.3258, 0.3142 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(201, 175, 187) }
```

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

```
.border{ border-color:rgb(201, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6653, 0.3258, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 175, 187) }
```

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

```
.background{ background-color: rgb(201,  
175, 187) }
```

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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