

Converting Colors

$Y_{xy}(46.9089, 0.3230, 0.3113)$

Have a look what the booklet for
Yxy(46.9089, 0.3230, 0.3113)
contains.

Yxy(46.7952, 0.3233, 0.3105)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.7952, 0.3233, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	C9AFBE
RGB	201, 175, 190
RGB Percent	79%, 69%, 75%
CMY	0.2115, 0.3138, 0.2548
CMYK	0.00, 0.13, 0.05, 0.21
HSL	325°, 19%, 74%
HSV	325°, 13%, 79%
XYZ	48.7243, 46.7952, 55.1897
YIQ	184.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

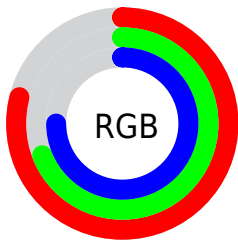
Format	Color
R _Y B	201, 175, 190
Decimal	13217726
CIE Lab	74.06, 11.98, -4.19
CIE LCh	74, 12.693, 340.722
Yxy	46.7952, 0.3233, 0.3105
Android (android.graphics.Color)	4291407806 (0xFFC9AFBE)
YUV	184.4840, 2.7194, 14.4845
Hunter-Lab	68.4070, 7.4279, 0.0507

Details

The Yxy color $46.7952, 0.3233, 0.3105$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.4577, 0.3034, 0.3483$, and the grayscale version is $48.1991, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0656, 0.3195, 0.3144$, and $22.1751, 0.3259, 0.3058$ is the 20% darker color. If you saturate the color by 10%, you get $39.1843, 0.3333, 0.2955$, and if you desaturate by 10%, it is $55.5971, 0.3149, 0.3249$.

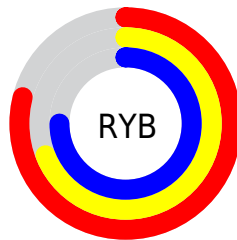
Distribution



Red (79%)

Green (69%)

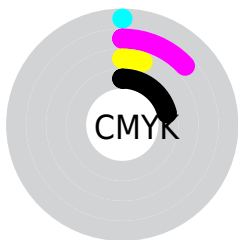
Blue (75%)



Red (79%)

Yellow (69%)

Blue (75%)

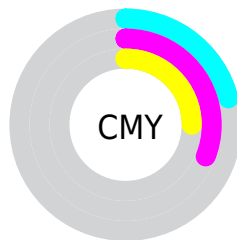


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (21%)



Cyan (21%)

Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7952, 0.3233, 0.3105 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 46.7952, 0.3233, 0.3105 by changing the saturation by 10% instead.


 46.7952, 0.3233,
0.3105

 46.7952, 0.3233,
0.3105


373.9965, 0.3181,
0.3196

 32.8738, 0.3246,
0.3083


 85.4078, 0.3214,
0.3138

 22.0298, 0.3262,
0.3054


110.8679, 0.3207,
0.3150

 13.8788, 0.3284,
0.3017


140.9429, 0.3201,
0.3161

 8.0364, 0.3314,
0.2965

176.0172, 0.3196,
0.3170

 4.1182, 0.3358,
0.2889

216.4754, 0.3191,
0.3178

 1.7399, 0.3429,
0.2767

262.7017, 0.3187,

 0.4493, 0.3688,

0.3185

0.2303

315.0806, 0.3184,
0.3191

0.0000, 0.0000,
0.0000

46.7952, 0.3233,
0.3105

46.7952, 0.3233,
0.3105

39.1843, 0.3333,
0.2955

55.5971, 0.3149,
0.3249

32.7067, 0.3451,
0.2802

65.6323, 0.3079,
0.3384

27.3087, 0.3589,
0.2653

76.9488, 0.3022,
0.3510

22.9302, 0.3747,
0.2516

89.3306, 0.2973,
0.3622

19.5050, 0.3923,
0.2400

89.8043, 0.2928,
0.3529

■ 16.9590, 0.4114,
0.2318

■ 90.3014, 0.2883,
0.3436

■ 15.2069, 0.4313,
0.2282

■ 90.8223, 0.2839,
0.3346

■ 14.1465, 0.4510,
0.2298

■ 91.1653, 0.2811,
0.3289

■ 13.6850, 0.4647,
0.2333

Harmonies

Analogous

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



46.7952, 0.3053, 0.3015



46.7952, 0.3233, 0.3105



46.7952, 0.3388, 0.3242

Triad

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



46.7952, 0.3233, 0.3105



46.7952, 0.3357, 0.3597



46.7952, 0.2795, 0.3171

Complementary

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



46.7952, 0.3233, 0.3105



54.4577, 0.3034, 0.3483

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.



46.7952, 0.2872, 0.3332



46.7952, 0.3233, 0.3105



46.7952, 0.3194, 0.3585

Square

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



46.7952, 0.3233, 0.3105



46.7952, 0.3460, 0.3524



46.7952, 0.3016, 0.3487



46.7952, 0.2804, 0.3048

Rectangle

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



46.7952, 0.3233, 0.3105



46.7952, 0.3453, 0.3343



46.7952, 0.3016, 0.3487



46.7952, 0.2811, 0.3222

Sweetspot

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



46.7973, 0.3233, 0.3105



93.3889, 0.3158, 0.3234



45.2930, 0.3013, 0.2961



19.7313, 0.3164, 0.3223



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.



46.7973, 0.3233, 0.3105



75.6115, 0.3264, 0.3057



46.2593, 0.3343, 0.3263



10.7378, 0.3201, 0.3158



8.6178, 0.4620, 0.2319



0.4223, 0.4249, 0.2114

Inverse Universe

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



46.7973, 0.3233, 0.3105



75.6115, 0.3264, 0.3057



55.0298, 0.2946, 0.3317



10.7378, 0.3201, 0.3158



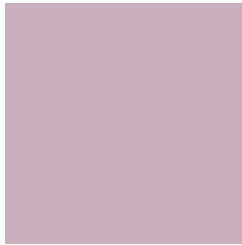
8.6178, 0.4620, 0.2319



0.4223, 0.4249, 0.2114

Previews

White Background



This preview shows how the Yxy color 46.7952, 0.3233, 0.3105 looks on a white background.

Color Contrast Check

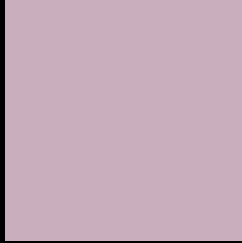
Large Text (above 18pt) WCAG AA × Fail

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 46.7952, 0.3233, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

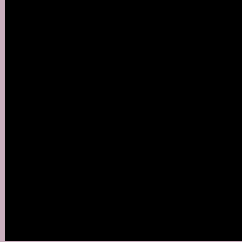
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7952, 0.3233, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 46.7952, 0.3233, 0.3105.



This preview shows how white text looks on a background with the Yxy color 46.7952, 0.3233, 0.3105.

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

46.7952, 0.3233, 0.3105

Protanopia

46.8879, 0.3034, 0.3123

Deuteranopia

46.8977, 0.3187, 0.3128



Tritanopia

46.7516, 0.3241, 0.3118

Trichromacy



Original Color

46.7952, 0.3233, 0.3105

Protanomaly

46.9093, 0.3101, 0.3113

Deuteranomaly

46.7741, 0.3205, 0.3116

Tritanomaly

46.7516, 0.3241, 0.3118

Monochromacy



Original Color

46.7952, 0.3233, 0.3105

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5401, 0.3164, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7952, 0.3233, 0.3105 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.7952, 0.3233, 0.3105 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, 190) }
```

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

```
.border{ border-color:rgb(201, 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(201, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7952, 0.3233, 0.3105 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, 190) }
```

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

```
.background{ background-color: rgb(201,  
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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