

Converting Colors

$Y_{xy}(47.7163, 0.3169, 0.3120)$

Have a look what the booklet for
Yxy(47.7163, 0.3169, 0.3120)
contains.

Yxy(47.7817, 0.3169, 0.3129)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.7817, 0.3169, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	C4B3C0
RGB	196, 179, 192
RGB Percent	77%, 70%, 75%
CMY	0.2315, 0.2980, 0.2471
CMYK	0.00, 0.09, 0.02, 0.23
HSL	314°, 13%, 74%
HSV	314°, 9%, 77%
XYZ	48.3925, 47.7817, 56.5318
YIQ	185.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

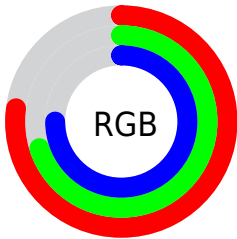
Format	Color
R _Y B	196, 179, 192
Decimal	12891072
CIE Lab	74.69, 8.36, -4.39
CIE LCh	75, 9.444, 332.305
Yxy	47.7817, 0.3169, 0.3129
Android (android.graphics.Color)	4291081152 (0xFFC4B3C0)
YUV	185.5650, 3.1725, 9.1515
Hunter-Lab	69.1243, 3.9967, -0.1020

Details

The Yxy color $47.7817, 0.3169, 0.3129$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.4723, 0.3088, 0.3457$, and the grayscale version is $48.8254, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0766, 0.3166, 0.3163$, and $22.5366, 0.3173, 0.3072$ is the 20% darker color. If you saturate the color by 10%, you get $40.2766, 0.3225, 0.2936$, and if you desaturate by 10%, it is $56.4138, 0.3121, 0.3314$.

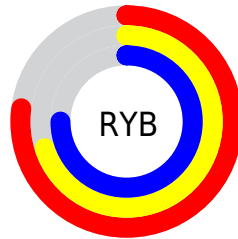
Distribution



Red (77%)

Green (70%)

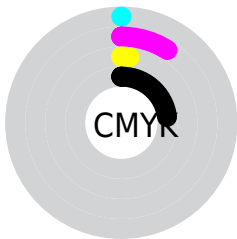
Blue (75%)



Red (77%)

Yellow (70%)

Blue (75%)

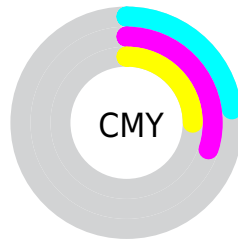


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (23%)



Cyan (23%)


Magenta (30%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7817, 0.3169, 0.3129 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 47.7817, 0.3169, 0.3129 by changing the saturation by 10% instead.


 47.7817, 0.3169,
0.3129

 47.7817, 0.3169,
0.3129


377.9262, 0.3149,
0.3208

 33.6540, 0.3174,
0.3110


 86.8793, 0.3162,
0.3158

 22.6280, 0.3180,
0.3085


112.6180, 0.3159,
0.3168

 14.3190, 0.3188,
0.3052


142.9959, 0.3157,
0.3177

 8.3429, 0.3199,
0.3007

178.3973, 0.3155,
0.3185

 4.3151, 0.3215,
0.2942

219.2066, 0.3153,
0.3192

 1.8514, 0.3241,
0.2837

265.8083, 0.3151,

 0.5189, 0.3340,

0.3198

0.2485

318.5867, 0.3150,
0.3204

0.0000, 0.0000,
0.0000

47.7817, 0.3169,
0.3129

47.7817, 0.3169,
0.3129

40.2766, 0.3225,
0.2936

56.4138, 0.3121,
0.3314

33.8453, 0.3289,
0.2740

66.2108, 0.3080,
0.3489

28.4397, 0.3362,
0.2546

77.2164, 0.3046,
0.3653

24.0055, 0.3443,
0.2363

87.9263, 0.3018,
0.3779

20.4836, 0.3531,
0.2201

88.1600, 0.2993,
0.3727

■ 17.8082, 0.3623,
0.2069

■ 88.4004, 0.2968,
0.3675

■ 15.9046, 0.3718,
0.1977

■ 88.6475, 0.2943,
0.3623

■ 14.6853, 0.3811,
0.1932

■ 88.9014, 0.2918,
0.3572

■ 14.0076, 0.3902,
0.1929

■ 89.1621, 0.2894,
0.3521

Harmonies

Analogous

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



47.7817, 0.3037, 0.3075



47.7817, 0.3169, 0.3129



47.7817, 0.3291, 0.3224

Triad

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



47.7817, 0.3169, 0.3129



47.7817, 0.3324, 0.3507



47.7817, 0.2890, 0.3235

Complementary

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



47.7817, 0.3169, 0.3129



52.4723, 0.3088, 0.3457

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.



47.7817, 0.2964, 0.3356



47.7817, 0.3169, 0.3129



47.7817, 0.3214, 0.3515

Square

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



47.7817, 0.3169, 0.3129



47.7817, 0.3382, 0.3441



47.7817, 0.3082, 0.3460



47.7817, 0.2879, 0.3133

Rectangle

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



47.7817, 0.3169, 0.3129



47.7817, 0.3351, 0.3299



47.7817, 0.3082, 0.3460



47.7817, 0.2909, 0.3275

Sweetspot

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



47.7838, 0.3169, 0.3129



95.1005, 0.3141, 0.3234



46.2948, 0.3027, 0.3073



20.0821, 0.3145, 0.3219



0.0000, 0.0000, 0.0000



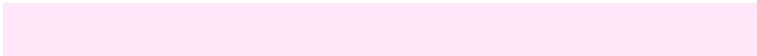
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.7838, 0.3169, 0.3129



84.4154, 0.3177, 0.3100



47.4200, 0.3238, 0.3234



10.2057, 0.3173, 0.3116



8.9674, 0.3902, 0.1923



0.3975, 0.3717, 0.1821

Inverse Universe

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



47.7838, 0.3169, 0.3129



84.4154, 0.3177, 0.3100



52.8347, 0.3027, 0.3347



10.2057, 0.3173, 0.3116



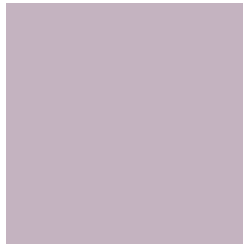
8.9674, 0.3902, 0.1923



0.3975, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 47.7817, 0.3169, 0.3129 looks on a white background.

Color Contrast Check

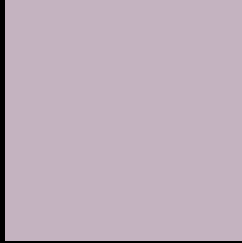
Large Text (above 18pt) WCAG AA × Fail

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 47.7817, 0.3169, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

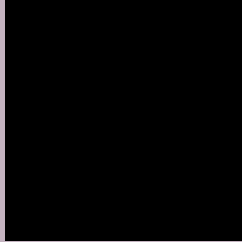
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7817, 0.3169, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 47.7817, 0.3169, 0.3129.



This preview shows how white text looks on a background with the Yxy color 47.7817, 0.3169, 0.3129.

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

47.7817, 0.3169, 0.3129

Protanopia

47.9524, 0.3050, 0.3150

Deuteranopia

47.6523, 0.3187, 0.3117



Tritanopia

47.8262, 0.3161, 0.3116

Trichromacy



Original Color

47.7817, 0.3169, 0.3129

Protanomaly

47.9975, 0.3092, 0.3151

Deuteranomaly

47.5169, 0.3178, 0.3117

Tritanomaly

47.8262, 0.3161, 0.3116

Monochromacy



Original Color

47.7817, 0.3169, 0.3129

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4450, 0.3147, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7817, 0.3169, 0.3129 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, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 192)  
}
```

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, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 47.7817, 0.3169, 0.3129 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, 179, 192) }
```

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

```
.border{ border-color:rgb(196, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7817, 0.3169, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 192) }
```

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

```
.background{ background-color: rgb(196,  
179, 192) }
```

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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