

Converting Colors

$Y_{xy}(49.0562, 0.2979, 0.2947)$

Have a look what the booklet for
Yxy(49.0562, 0.2979, 0.2947)
contains.

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Color

Yxy(49.0562, 0.2979, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	BEB6D2
RGB	190, 182, 210
RGB Percent	75%, 71%, 82%
CMY	0.2550, 0.2862, 0.1765
CMYK	0.10, 0.13, 0.00, 0.18
HSL	257°, 24%, 77%
HSV	257°, 13%, 82%
XYZ	49.5889, 49.0562, 67.8164
YIQ	187.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

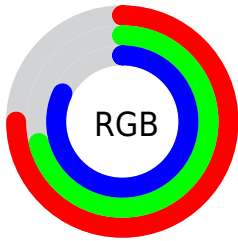
Format	Color
R_{YB}	190, 182, 210
Decimal	12498642
CIE _{Lab}	75.49, 8.18, -13.07
CIE _{LCh}	75, 15.415, 302.052
Yxy	49.0562, 0.2979, 0.2947
Android (android.graphics.Color)	4290688722 (0xFFBEB6D2)
YUV	187.5840, 11.0511, 2.1188
Hunter-Lab	70.0401, 3.8090, -8.3795

Details

The Yxy color $49.0562, 0.2979, 0.2947$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $62.0233, 0.3263, 0.3624$, and the grayscale version is $49.9781, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9619, 0.3076, 0.3124$, and $23.4192, 0.2937, 0.2846$ is the 20% darker color. If you saturate the color by 10%, you get $39.2561, 0.2848, 0.2659$, and if you desaturate by 10%, it is $60.3495, 0.3093, 0.3209$.

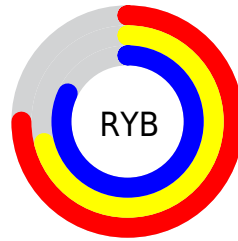
Distribution



Red (75%)

Green (71%)

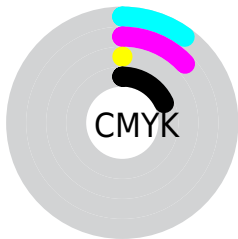
Blue (82%)



Red (75%)

Yellow (71%)

Blue (82%)

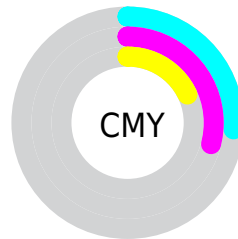


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0562, 0.2979, 0.2947 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 49.0562, 0.2979, 0.2947 by changing the saturation by 10% instead.

■ 49.0562, 0.2979,
0.2947

■ 49.0562, 0.2979,
0.2947

382.9635, 0.3053,
0.3114

■ 34.6641, 0.2960,
0.2907

■ 88.7749, 0.3006,
0.3006

■ 23.4042, 0.2937,
0.2856

114.8703, 0.3016,
0.3029

■ 14.8923, 0.2905,
0.2790

145.6355, 0.3025,
0.3048

■ 8.7438, 0.2861,
0.2700

181.4550, 0.3032,
0.3065

■ 4.5745, 0.2796,
0.2572

222.7132, 0.3038,
0.3080

■ 1.9998, 0.2690,
0.2374

269.7944, 0.3044,

■ 0.6074, 0.2509,

0.3092

0.1961

323.0830, 0.3049,
0.3104

0.0000, 0.0000,
0.0000

49.0562, 0.2979,
0.2947

49.0562, 0.2979,
0.2947

39.2561, 0.2848,
0.2659

60.3495, 0.3093,
0.3209

30.8798, 0.2701,
0.2350

73.1892, 0.3191,
0.3444

23.8616, 0.2539,
0.2027

87.6335, 0.3274,
0.3652

18.1279, 0.2366,
0.1703

96.5091, 0.3361,
0.3735

13.5982, 0.2191,
0.1396

97.4323, 0.3394,
0.3731

■ 10.1827, 0.2022,
0.1126

■ 7.7781, 0.1870,
0.0911

■ 6.2611, 0.1744,
0.0764

■ 5.6050, 0.1676,
0.0697

Harmonies

Analogous

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



49.0562, 0.2812, 0.2946



49.0562, 0.2979, 0.2947



49.0562, 0.3191, 0.3032

Triad

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



49.0562, 0.2979, 0.2947



49.0562, 0.3541, 0.3528



49.0562, 0.2865, 0.3397

Complementary

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



49.0562, 0.2979, 0.2947



62.0233, 0.3263, 0.3624

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.



49.0562, 0.3053, 0.3570



49.0562, 0.2979, 0.2947



49.0562, 0.3446, 0.3641

Square

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



49.0562, 0.2979, 0.2947



49.0562, 0.3522, 0.3360



49.0562, 0.3266, 0.3660



49.0562, 0.2748, 0.3199

Rectangle

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



49.0562, 0.2979, 0.2947



49.0562, 0.3330, 0.3126



49.0562, 0.3266, 0.3660



49.0562, 0.2922, 0.3461

Sweetspot

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



49.0583, 0.2979, 0.2947



92.3059, 0.3085, 0.3191



56.8682, 0.2923, 0.3193



19.4570, 0.3077, 0.3172



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.



49.0583, 0.2979, 0.2947



71.5522, 0.2943, 0.2867



50.9412, 0.3092, 0.2959



11.5782, 0.3026, 0.3053



3.4639, 0.1689, 0.0704



0.2341, 0.1890, 0.0815

Inverse Universe

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



51.4270, 0.3205, 0.3054



75.9492, 0.3224, 0.3002



60.1640, 0.3156, 0.3635



11.9493, 0.3181, 0.3125



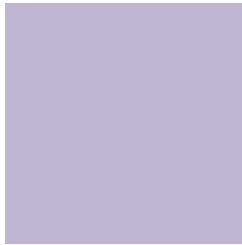
9.7240, 0.4081, 0.2022



0.5570, 0.3885, 0.1914

Previews

White Background



This preview shows how the Yxy color 49.0562, 0.2979, 0.2947 looks on a white background.

Color Contrast Check

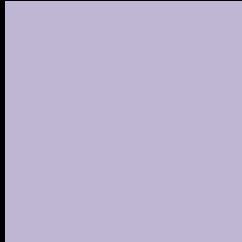
Large Text (above 18pt) WCAG AA × Fail

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 49.0562, 0.2979, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

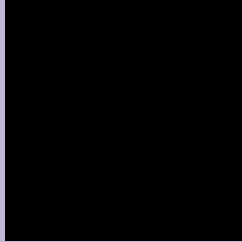
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0562, 0.2979, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 49.0562, 0.2979, 0.2947.



This preview shows how white text looks on a background with the Yxy color 49.0562, 0.2979, 0.2947.

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

49.0562, 0.2979, 0.2947

Protanopia

49.3965, 0.2902, 0.2955

Deuteranopia

49.0383, 0.3003, 0.2937



Tritanopia

49.0496, 0.3053, 0.3115

Trichromacy



Original Color

49.0562, 0.2979, 0.2947

Protanomaly

49.2984, 0.2933, 0.2956

Deuteranomaly

48.9074, 0.2995, 0.2936

Tritanomaly

48.9501, 0.3031, 0.3054

Monochromacy



Original Color

49.0562, 0.2979, 0.2947

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9222, 0.3075, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0562, 0.2979, 0.2947 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(190, 182, 210)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 210)  
}
```

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(190, 182, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 210) }
```

Border

The CSS property to change the border of an element to Yxy 49.0562, 0.2979, 0.2947 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(190, 182, 210) }
```

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

```
.border{ border-color:rgb(190, 182, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 182, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 210);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0562, 0.2979, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 210) }
```

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

```
.background{ background-color: rgb(190,  
182, 210) }
```

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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