

Converting Colors

$Y_{xy}(49.2956, 0.2948, 0.2896)$

Have a look what the booklet for
Yxy(49.2956, 0.2948, 0.2896)
contains.

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Color

Yxy(49.2581, 0.2950, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	BEB6D6
RGB	190, 182, 214
RGB Percent	75%, 71%, 84%
CMY	0.2548, 0.2863, 0.1608
CMYK	0.11, 0.15, 0.00, 0.16
HSL	255°, 28%, 78%
HSV	255°, 15%, 84%
XYZ	50.1074, 49.2581, 70.4900
YIQ	188.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

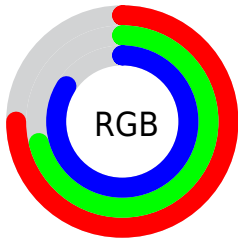
Format	Color
R _{YB}	190, 182, 214
Decimal	12498646
CIE Lab	75.61, 9.04, -15.06
CIE LCh	76, 17.568, 300.962
Yxy	49.2581, 0.2950, 0.2900
Android (android.graphics.Color)	4290688726 (0xFFBEB6D6)
YUV	188.0400, 12.7983, 1.7189
Hunter-Lab	70.1841, 4.6164, -10.4196

Details

The Yxy color $49.2581, 0.2950, 0.2900$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $64.5918, 0.3288, 0.3666$, and the grayscale version is $50.2451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9619, 0.3076, 0.3124$, and $23.4380, 0.2897, 0.2799$ is the 20% darker color. If you saturate the color by 10%, you get $39.2026, 0.2810, 0.2606$, and if you desaturate by 10%, it is $60.8842, 0.3073, 0.3168$.

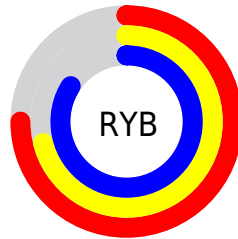
Distribution



Red (75%)

Green (71%)

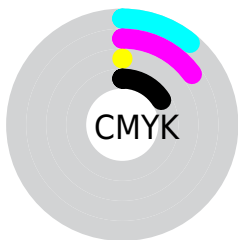
Blue (84%)



Red (75%)

Yellow (71%)

Blue (84%)

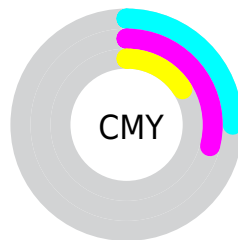


Cyan (11%)

Magenta (15%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2581, 0.2950, 0.2900 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 49.2581, 0.2950, 0.2900 by changing the saturation by 10% instead.

■ 49.2581, 0.2950,
0.2900

■ 49.2581, 0.2950,
0.2900

■ 383.7575, 0.3039,
0.3089

■ 34.8243, 0.2928,
0.2855

■ 89.0747, 0.2982,
0.2967

■ 23.5275, 0.2900,
0.2798

■ 115.2262, 0.2994,
0.2993

■ 14.9835, 0.2862,
0.2724

■ 146.0524, 0.3005,
0.3015

■ 8.8078, 0.2810,
0.2623

■ 181.9377, 0.3013,
0.3034

■ 4.6160, 0.2733,
0.2481

■ 223.2664, 0.3021,
0.3050

■ 2.0238, 0.2609,
0.2264

■ 270.4231, 0.3028,

■ 0.6212, 0.2398,

0.3065

0.1837

323.7920, 0.3034,
0.3077

0.0000, 0.0000,
0.0000

49.2581, 0.2950,
0.2900

49.2581, 0.2950,
0.2900

39.2026, 0.2810,
0.2606

60.8842, 0.3073,
0.3168

30.6435, 0.2653,
0.2290

74.1384, 0.3178,
0.3407

23.5099, 0.2482,
0.1962

89.0830, 0.3269,
0.3620

17.7227, 0.2302,
0.1635

97.4725, 0.3364,
0.3691

13.1949, 0.2121,
0.1328

97.6355, 0.3370,
0.3691

■ 9.8288, 0.1952,
0.1063

■ 7.5120, 0.1804,
0.0858

■ 6.1084, 0.1686,
0.0724

■ 5.6327, 0.1639,
0.0676

Harmonies

Analogous

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



49.2581, 0.2764, 0.2901



49.2581, 0.2950, 0.2900



49.2581, 0.3190, 0.2993

Triad

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



49.2581, 0.2950, 0.2900



49.2581, 0.3601, 0.3553



49.2581, 0.2836, 0.3420

Complementary

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



49.2581, 0.2950, 0.2900



64.5918, 0.3288, 0.3666

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.



49.2581, 0.3051, 0.3616



49.2581, 0.2950, 0.2900



49.2581, 0.3496, 0.3686

Square

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



49.2581, 0.2950, 0.2900



49.2581, 0.3574, 0.3360



49.2581, 0.3293, 0.3714



49.2581, 0.2700, 0.3192

Rectangle

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



49.2581, 0.2950, 0.2900



49.2581, 0.3350, 0.3098



49.2581, 0.3293, 0.3714



49.2581, 0.2901, 0.3492

Sweetspot

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



49.2602, 0.2950, 0.2900



92.2438, 0.3083, 0.3191



58.9446, 0.2898, 0.3193



19.4413, 0.3074, 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.



49.2602, 0.2950, 0.2900



68.1837, 0.2907, 0.2808



51.4312, 0.3079, 0.2915



12.1579, 0.3020, 0.3052



3.4461, 0.1651, 0.0683



0.2474, 0.1831, 0.0782

Inverse Universe

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



52.2053, 0.3208, 0.3012



73.4097, 0.3228, 0.2950



62.4213, 0.3167, 0.3680



12.5769, 0.3176, 0.3117



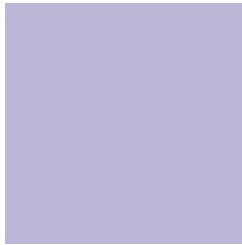
10.1981, 0.3962, 0.1956



0.6280, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 49.2581, 0.2950, 0.2900 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 49.2581, 0.2950, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

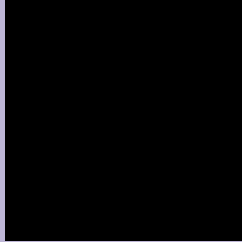
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2581, 0.2950, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 49.2581, 0.2950, 0.2900.



This preview shows how white text looks on a background with the Yxy color 49.2581, 0.2950, 0.2900.

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

49.2581, 0.2950, 0.2900

Protanopia

49.4795, 0.2867, 0.2907

Deuteranopia

49.3873, 0.2958, 0.2901



Tritanopia

49.5128, 0.3045, 0.3115

Trichromacy



Original Color

49.2581, 0.2950, 0.2900

Protanomaly

49.3776, 0.2896, 0.2908

Deuteranomaly

49.3873, 0.2958, 0.2901

Tritanomaly

49.4594, 0.3016, 0.3042

Monochromacy



Original Color

49.2581, 0.2950, 0.2900

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9678, 0.3068, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2581, 0.2950, 0.2900 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 214) }
```

Border

The CSS property to change the border of an element to Yxy 49.2581, 0.2950, 0.2900 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, 214) }
```

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

```
.border{ border-color:rgb(190, 182, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 214);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2581, 0.2950, 0.2900 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, 214) }
```

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

```
.background{ background-color: rgb(190,  
182, 214) }
```

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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