

Converting Colors

$Y_{xy}(49.5676, 0.2899, 0.2759)$

Have a look what the booklet for
Yxy(49.5676, 0.2899, 0.2759)
contains.

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Color

Yxy(49.5481, 0.2902, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	C2B4E1
RGB	194, 180, 225
RGB Percent	76%, 71%, 88%
CMY	0.2390, 0.2942, 0.1176
CMYK	0.14, 0.20, 0.00, 0.12
HSL	259°, 43%, 79%
HSV	259°, 20%, 88%
XYZ	52.1729, 49.5481, 78.0616
YIQ	189.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

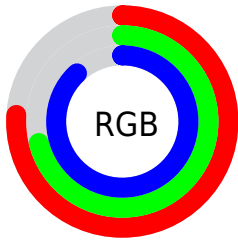
Format	Color
RYB	194, 180, 225
Decimal	12760289
CIELab	75.79, 13.74, -20.74
CIELCh	76, 24.879, 303.524
Yxy	49.5481, 0.2902, 0.2756
Android (android.graphics.Color)	4290950369 (0xFFC2B4E1)
YUV	189.3160, 17.5922, 4.1079
Hunter-Lab	70.3904, 9.1198, -16.4782

Details

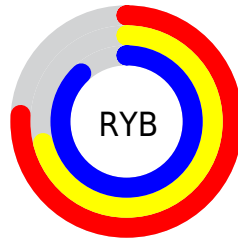
The Yxy color $49.5481, 0.2902, 0.2756$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $70.9965, 0.3323, 0.3804$, and the grayscale version is $50.9844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.7201, 0.3109, 0.3106$, and $23.6565, 0.2833, 0.2612$ is the 20% darker color. If you saturate the color by 10%, you get $39.2493, 0.2765, 0.2454$, and if you desaturate by 10%, it is $61.5389, 0.3023, 0.3036$.

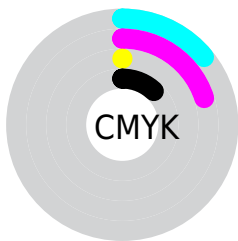
Distribution



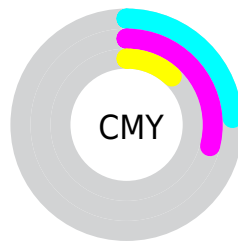
- Red (76%)
- Green (71%)
- Blue (88%)



- Red (76%)
- Yellow (71%)
- Blue (88%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5481, 0.2902, 0.2756 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 49.5481, 0.2902, 0.2756 by changing the saturation by 10% instead.

■ 49.5481, 0.2902,
0.2756

■ 49.5481, 0.2902,
0.2756

■ 384.8961, 0.3015,
0.3011

■ 35.0545, 0.2874,
0.2696

■ 89.5050, 0.2943,
0.2846

■ 23.7048, 0.2838,
0.2621

■ 115.7370, 0.2959,
0.2881

■ 15.1148, 0.2790,
0.2524

■ 146.6506, 0.2972,
0.2910

■ 8.9000, 0.2724,
0.2396

■ 182.6301, 0.2983,
0.2936

■ 4.6760, 0.2627,
0.2217

■ 224.0601, 0.2993,
0.2958

■ 2.0585, 0.2474,
0.1954

■ 271.3248, 0.3001,


■ 0.6411, 0.2213,


0.2978


0.1495


324.8087, 0.3009,
0.2996

 0.0000, 0.0000,
0.0000

 49.5481, 0.2902,
0.2756

 49.5481, 0.2902,
0.2756

 39.2493, 0.2765,
0.2454

 61.5389, 0.3023,
0.3036


 30.5587, 0.2612,
0.2135

 75.2879, 0.3127,
0.3290

 23.3947, 0.2447,
0.1812

 90.8654, 0.3216,
0.3517

 17.6657, 0.2276,
0.1501

 98.2173, 0.3303,
0.3581

 13.2702, 0.2107,
0.1220

■ 10.0927, 0.1950,
0.0988

■ 7.9970, 0.1815,
0.0820

■ 6.7517, 0.1707,
0.0714

Harmonies

Analogous

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



49.5481, 0.2636, 0.2742



49.5481, 0.2902, 0.2756



49.5481, 0.3243, 0.2895

Triad

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



49.5481, 0.2902, 0.2756



49.5481, 0.3792, 0.3672



49.5481, 0.2695, 0.3444

Complementary

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



49.5481, 0.2902, 0.2756



70.9965, 0.3323, 0.3804

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.



49.5481, 0.2987, 0.3739



49.5481, 0.2902, 0.2756



49.5481, 0.3625, 0.3858

Square

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



49.5481, 0.2902, 0.2756



49.5481, 0.3772, 0.3405



49.5481, 0.3327, 0.3892



49.5481, 0.2522, 0.3119

Rectangle

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



49.5481, 0.2902, 0.2756



49.5481, 0.3467, 0.3042



49.5481, 0.3327, 0.3892



49.5481, 0.2782, 0.3552

Sweetspot

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



49.5502, 0.2902, 0.2756



88.6831, 0.3066, 0.3140



61.9804, 0.2819, 0.3129



18.7294, 0.3059, 0.3123



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.



49.5502, 0.2902, 0.2756



59.8499, 0.2847, 0.2633



52.6739, 0.3077, 0.2783



13.4501, 0.3029, 0.3051



3.9446, 0.1721, 0.0722



0.3199, 0.1889, 0.0814

Inverse Universe

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



53.3468, 0.3262, 0.2943



65.8033, 0.3296, 0.2869



67.9734, 0.3164, 0.3830



13.8589, 0.3185, 0.3130



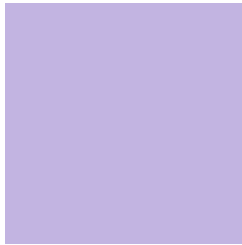
10.6037, 0.4189, 0.2081



0.7509, 0.4001, 0.1978

Previews

White Background



This preview shows how the Yxy color 49.5481, 0.2902, 0.2756 looks on a white background.

Color Contrast Check

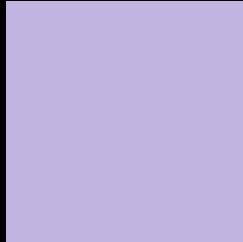
Large Text (above 18pt) WCAG AA × Fail

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 49.5481, 0.2902, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

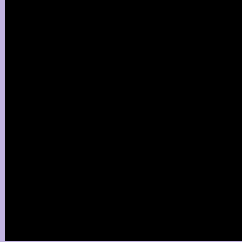
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5481, 0.2902, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 49.5481, 0.2902, 0.2756.



This preview shows how white text looks on a background with the Yxy color 49.5481, 0.2902, 0.2756.

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

49.5481, 0.2902, 0.2756

Protanopia

49.6465, 0.2757, 0.2766

Deuteranopia

49.6879, 0.2849, 0.2795



Tritanopia

49.7686, 0.3061, 0.3116

Trichromacy



Original Color

49.5481, 0.2902, 0.2756

Protanomaly

49.4803, 0.2806, 0.2758

Deuteranomaly

49.6565, 0.2871, 0.2786

Tritanomaly

49.4974, 0.3002, 0.2983

Monochromacy



Original Color

49.5481, 0.2902, 0.2756

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.4584, 0.3046, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5481, 0.2902, 0.2756 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(194, 180, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 225)  
}
```

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(194, 180, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 225) }
```

Border

The CSS property to change the border of an element to Yxy 49.5481, 0.2902, 0.2756 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(194, 180, 225) }
```

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

```
.border{ border-color:rgb(194, 180, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5481, 0.2902, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 225) }
```

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

```
.background{ background-color: rgb(194,  
180, 225) }
```

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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