

Converting Colors

Yxy(52.9324, 0.2908, 0.2606)

Have a look what the booklet for
Yxy(52.9324, 0.2908, 0.2606)
contains.

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Color

Yxy(52.7550, 0.2906, 0.2602)

Conversions

Conversions Part 1

Format	Color
Hex	D2B4F2
RGB	210, 180, 242
RGB Percent	82%, 71%, 95%
CMY	0.1766, 0.2940, 0.0510
CMYK	0.13, 0.26, 0.00, 0.05
HSL	269°, 70%, 83%
HSV	269°, 26%, 95%
XYZ	58.9185, 52.7550, 91.0744
YIQ	196.0380, -2.0220, 25.6420

Conversions

Conversions Part 2

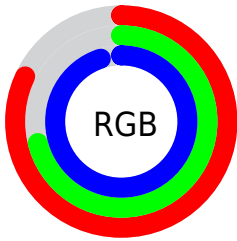
Format	Color
R _Y B	210, 180, 242
Decimal	13808882
CIE Lab	77.73, 22.32, -26.84
CIE LCh	78, 34.903, 309.745
Yxy	52.7550, 0.2906, 0.2602
Android (android.graphics.Color)	4291998962 (0xFFD2B4F2)
YUV	196.0380, 22.6593, 12.2447
Hunter-Lab	72.6326, 17.6895, -23.5011

Details

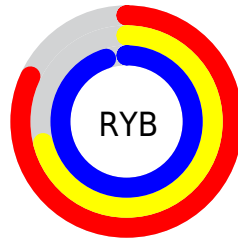
The Yxy color **52.7550, 0.2906, 0.2602** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80.7983, 0.3305, 0.3976**, and the grayscale version is **55.0880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **25.6925, 0.2841, 0.2435** is the 20% darker color. If you saturate the color by 10%, you get **42.0597, 0.2796, 0.2304**, and if you desaturate by 10%, it is **65.3037, 0.3003, 0.2886**.

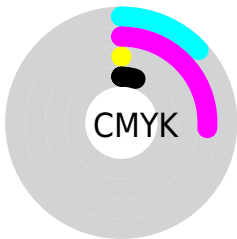
Distribution



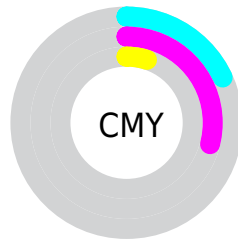
- Red (82%)
- Green (71%)
- Blue (95%)



- Red (82%)
- Yellow (71%)
- Blue (95%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)




- Cyan (18%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7550, 0.2906, 0.2602 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 52.7550, 0.2906, 0.2602 by changing the saturation by 10% instead.


 52.7550, 0.2906,
0.2602

 52.7550, 0.2906,
0.2602


397.3444, 0.3018,
0.2922

 37.6072, 0.2878,
0.2529

 94.2438, 0.2947,
0.2713

 25.6780, 0.2842,
0.2439


121.3535, 0.2962,
0.2756

 16.5829, 0.2795,
0.2326


153.2194, 0.2975,
0.2793

 9.9376, 0.2730,
0.2179

190.2258, 0.2986,
0.2825

 5.3576, 0.2636,
0.1983

232.7571, 0.2996,
0.2854

 2.4586, 0.2490,
0.1707

281.1977, 0.3004,

 0.8558, 0.2242,

0.2879

0.1305

335.9320, 0.3012,
0.2901

0.0000, 0.1485,
0.0000

0.0000, 0.0000,
0.0000

52.7550, 0.2906,
0.2602

52.7550, 0.2906,
0.2602

42.0597, 0.2796,
0.2304

65.3037, 0.3003,
0.2886

33.1193, 0.2674,
0.2002

79.7847, 0.3086,
0.3151

25.8361, 0.2542,
0.1708

96.2800, 0.3157,
0.3394

20.0995, 0.2405,
0.1437

99.1903, 0.3203,
0.3415

■ 15.7852, 0.2268,
0.1205

■ 12.7484, 0.2138,
0.1025

■ 10.8110, 0.2022,
0.0902

■ 10.1889, 0.1975,
0.0861

Harmonies

Analogous

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



52.7550, 0.2523, 0.2541



52.7550, 0.2906, 0.2602



52.7550, 0.3380, 0.2815

Triad

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



52.7550, 0.2906, 0.2602



52.7550, 0.4008, 0.3860



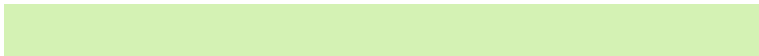
52.7550, 0.2475, 0.3401

Complementary

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



52.7550, 0.2906, 0.2602



80.7983, 0.3305, 0.3976

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.



52.7550, 0.2837, 0.3846



52.7550, 0.2906, 0.2602



52.7550, 0.3726, 0.4098

Square

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



52.7550, 0.2906, 0.2602



52.7550, 0.4045, 0.3509



52.7550, 0.3294, 0.4110



52.7550, 0.2289, 0.2960

Rectangle

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



52.7550, 0.2906, 0.2602



52.7550, 0.3681, 0.3021



52.7550, 0.3294, 0.4110



52.7550, 0.2579, 0.3558

Sweetspot

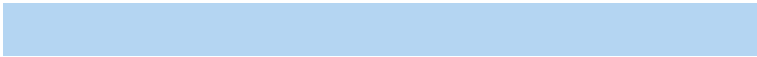
The Sweet Spot groups the original color and five complimentary colors.



52.7572, 0.2906, 0.2602



85.7232, 0.3067, 0.3089



63.7398, 0.2721, 0.2956



17.8085, 0.3055, 0.3050



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.



52.7572, 0.2906, 0.2602



52.5704, 0.2847, 0.2440



57.5724, 0.3141, 0.2649



15.6036, 0.3055, 0.3051



5.5546, 0.1992, 0.0871



0.5211, 0.2135, 0.0950

Inverse Universe

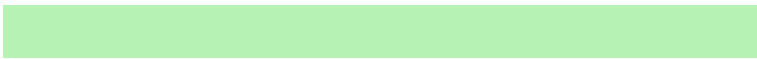
The Inverse Universe completely reimagines the original color for something new.



56.2810, 0.3396, 0.2949



57.2902, 0.3472, 0.2872



76.7506, 0.3106, 0.4020



15.8952, 0.3212, 0.3169



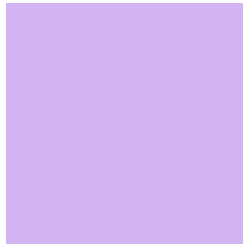
10.9648, 0.4888, 0.2466



0.9323, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 52.7550, 0.2906, 0.2602 looks on a white background.

Color Contrast Check

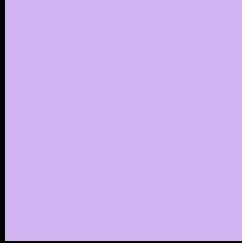
Large Text (above 18pt) WCAG AA × Fail

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 52.7550, 0.2906, 0.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

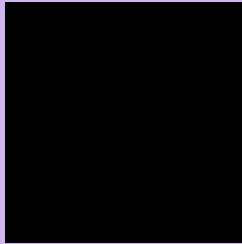
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7550, 0.2906, 0.2602

Background



This preview shows how black text looks on a background with the Yxy color 52.7550, 0.2906, 0.2602.



This preview shows how white text looks on a background with the Yxy color 52.7550, 0.2906, 0.2602.

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

52.7550, 0.2906, 0.2602

Protanopia

53.0136, 0.2634, 0.2603

Deuteranopia

52.6968, 0.2747, 0.2683



Tritanopia

52.5014, 0.3144, 0.3111

Trichromacy



Original Color

52.7550, 0.2906, 0.2602

Protanomaly

52.5904, 0.2729, 0.2601

Deuteranomaly

52.6509, 0.2803, 0.2648

Tritanomaly

52.4125, 0.3056, 0.2906

Monochromacy



Original Color

52.7550, 0.2906, 0.2602

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0485, 0.3044, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7550, 0.2906, 0.2602 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(210, 180, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 180, 242)  
}
```

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(210, 180, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 180, 242) }
```

Border

The CSS property to change the border of an element to Yxy 52.7550, 0.2906, 0.2602 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(210, 180, 242) }
```

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

```
.border{ border-color:rgb(210, 180, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 180, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 180, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 180, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 180,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7550, 0.2906, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 180, 242) }
```

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

```
.background{ background-color: rgb(210,  
180, 242) }
```

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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