

Converting Colors

Yxy(52.8699, 0.3107, 0.2896)

Have a look what the booklet for
Yxy(52.8699, 0.3107, 0.2896)
contains.

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Color

Yxy(52.8738, 0.3104, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	D4B7D9
RGB	212, 183, 217
RGB Percent	83%, 72%, 85%
CMY	0.1689, 0.2822, 0.1491
CMYK	0.02, 0.16, 0.00, 0.15
HSL	291°, 31%, 78%
HSV	291°, 16%, 85%
XYZ	56.5932, 52.8738, 72.8564
YIQ	195.5470, 6.3700, 16.7220

Conversions

Conversions Part 2

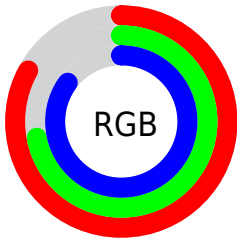
Format	Color
R _Y B	212, 183, 217
Decimal	13940697
CIE Lab	77.80, 16.33, -13.21
CIE LCh	78, 21.001, 321.037
Yxy	52.8738, 0.3104, 0.2900
Android (android.graphics.Color)	4292130777 (0xFFD4B7D9)
YUV	195.5470, 10.5763, 14.4293
Hunter-Lab	72.7144, 11.6754, -8.5058

Details

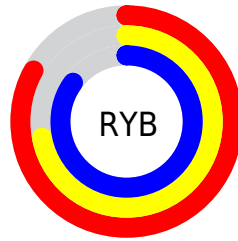
The Yxy color $52.8738, 0.3104, 0.2900$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $63.7388, 0.3144, 0.3703$, and the grayscale version is $54.8467, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $25.7420, 0.3094, 0.2804$ is the 20% darker color. If you saturate the color by 10%, you get $44.1279, 0.3084, 0.2641$, and if you desaturate by 10%, it is $63.0137, 0.3120, 0.3153$.

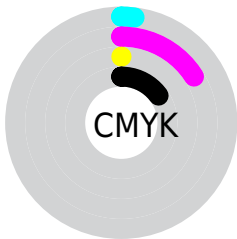
Distribution



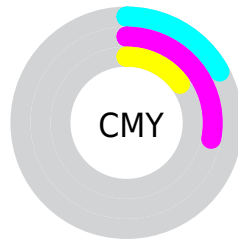
- Red (83%)
- Green (72%)
- Blue (85%)



- Red (83%)
- Yellow (72%)
- Blue (85%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8738, 0.3104, 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 52.8738, 0.3104, 0.2900 by changing the saturation by 10% instead.


 52.8738, 0.3104,
0.2900

 52.8738, 0.3104,
0.2900

397.8008, 0.3118,
0.3085

 37.7020, 0.3100,
0.2856

 94.4186, 0.3109,
0.2965

 25.7515, 0.3095,
0.2802


121.5605, 0.3111,
0.2990

 16.6378, 0.3088,
0.2732


153.4612, 0.3113,
0.3012

 9.9766, 0.3077,
0.2639

190.5051, 0.3114,
0.3030

 5.3835, 0.3059,
0.2510

233.0766, 0.3115,
0.3047

 2.4740, 0.3028,
0.2317

281.5601, 0.3116,

 0.8636, 0.2964,

0.3061

0.2002

336.3400, 0.3117,
0.3074

0.0000, 0.2026,
0.0000

0.0000, 0.0000,
0.0000

52.8738, 0.3104,
0.2900

52.8738, 0.3104,
0.2900

44.1279, 0.3084,
0.2641

63.0137, 0.3120,
0.3153

36.7062, 0.3060,
0.2382

74.5998, 0.3132,
0.3393

30.5430, 0.3032,
0.2133

87.6900, 0.3141,
0.3618

25.5642, 0.3000,
0.1904

92.5108, 0.3157,
0.3684

■ 21.6882, 0.2965,
0.1704

■ 93.0338, 0.3178,
0.3682

■ 18.8226, 0.2927,
0.1544

■ 93.5666, 0.3198,
0.3679

■ 16.8601, 0.2888,
0.1428

■ 94.1094, 0.3219,
0.3677

■ 15.6686, 0.2849,
0.1357

■ 94.6621, 0.3239,
0.3674

■ 15.2884, 0.2832,
0.1334

■ 95.2248, 0.3260,
0.3672

Harmonies

Analogous

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



52.8738, 0.2839, 0.2825



52.8738, 0.3104, 0.2900



52.8738, 0.3387, 0.3067

Triad

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



52.8738, 0.3104, 0.2900



52.8738, 0.3613, 0.3711



52.8738, 0.2670, 0.3260

Complementary

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



52.8738, 0.3104, 0.2900



63.7388, 0.3144, 0.3703

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.



52.8738, 0.2862, 0.3527



52.8738, 0.3104, 0.2900



52.8738, 0.3406, 0.3792

Square

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



52.8738, 0.3104, 0.2900



52.8738, 0.3688, 0.3524



52.8738, 0.3130, 0.3727



52.8738, 0.2597, 0.3018

Rectangle

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



52.8738, 0.3104, 0.2900



52.8738, 0.3544, 0.3212



52.8738, 0.3130, 0.3727



52.8738, 0.2722, 0.3351

Sweetspot

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



52.8761, 0.3104, 0.2900



91.7754, 0.3121, 0.3167



51.0994, 0.2877, 0.2936



19.4055, 0.3120, 0.3150



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.



52.8761, 0.3104, 0.2900



71.5471, 0.3097, 0.2809



53.0416, 0.3239, 0.3036



13.1717, 0.3114, 0.3058



9.2929, 0.2838, 0.1337



0.6293, 0.2902, 0.1372

Inverse Universe

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



52.2632, 0.3378, 0.3232



70.5104, 0.3448, 0.3218



63.6245, 0.3030, 0.3558



13.0829, 0.3268, 0.3255



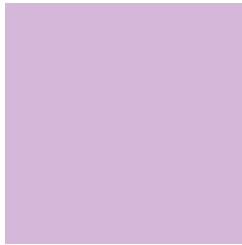
9.0035, 0.6188, 0.3183



0.5935, 0.5791, 0.2964

Previews

White Background



This preview shows how the Yxy color 52.8738, 0.3104, 0.2900 looks on a white background.

Color Contrast Check

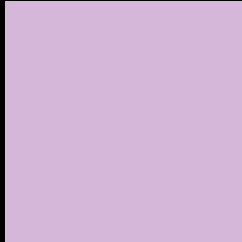
Large Text (above 18pt) WCAG AA × Fail

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 52.8738, 0.3104, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

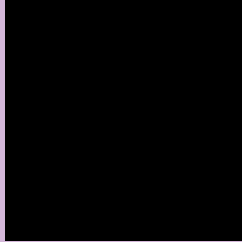
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8738, 0.3104, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 52.8738, 0.3104, 0.2900.



This preview shows how white text looks on a background with the Yxy color 52.8738, 0.3104, 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

52.8738, 0.3104, 0.2900

Protanopia

53.1003, 0.2874, 0.2917

Deuteranopia

52.7779, 0.3015, 0.2947



Tritanopia

52.8433, 0.3210, 0.3125

Trichromacy



Original Color

52.8738, 0.3104, 0.2900

Protanomaly

52.8695, 0.2955, 0.2911

Deuteranomaly

52.9130, 0.3047, 0.2939

Tritanomaly

52.8558, 0.3172, 0.3044

Monochromacy



Original Color

52.8738, 0.3104, 0.2900

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1778, 0.3118, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8738, 0.3104, 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(212, 183, 217)` looks like.

```
.text, #text, p{  
    color:rgb(212, 183, 217)  
}
```

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(212, 183, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 183, 217) }
```

Border

The CSS property to change the border of an element to Yxy 52.8738, 0.3104, 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(212, 183, 217) }
```

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

```
.border{ border-color:rgb(212, 183, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 183, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 183, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 183, 217); box-shadow:4px 4px 4px 4px rgb(212, 183, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8738, 0.3104, 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(212, 183, 217) }
```

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

```
.background{ background-color: rgb(212,  
183, 217) }
```

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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