

Converting Colors

$Y_{xy}(52.7966, 0.3258, 0.3124)$

Have a look what the booklet for
Yxy(52.7966, 0.3258, 0.3124)
contains.

Yxy(52.9676, 0.3252, 0.3126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.9676, 0.3252, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	D5B9C7
RGB	213, 185, 199
RGB Percent	84%, 73%, 78%
CMY	0.1647, 0.2745, 0.2195
CMYK	0.00, 0.13, 0.07, 0.16
HSL	330°, 25%, 78%
HSV	330°, 13%, 84%
XYZ	55.1026, 52.9676, 61.3719
YIQ	194.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

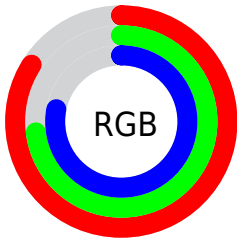
Format	Color
R _Y B	213, 185, 199
Decimal	14006727
CIE Lab	77.86, 12.36, -3.39
CIE LCh	78, 12.820, 344.675
Yxy	52.9676, 0.3252, 0.3126
Android (android.graphics.Color)	4292196807 (0xFFD5B9C7)
YUV	194.9680, 1.9878, 15.8141
Hunter-Lab	72.7788, 7.7836, 0.9479

Details

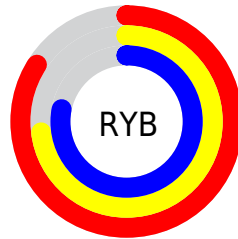
The Yxy color $52.9676, 0.3252, 0.3126$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.0284, 0.3018, 0.3460$, and the grayscale version is $54.5382, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $25.8160, 0.3285, 0.3088$ is the 20% darker color. If you saturate the color by 10%, you get $44.2388, 0.3370, 0.2994$, and if you desaturate by 10%, it is $63.0707, 0.3154, 0.3252$.

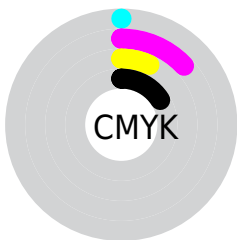
Distribution



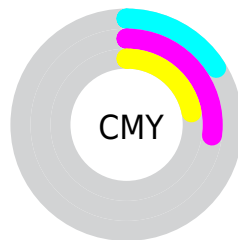
- Red (84%)
- Green (73%)
- Blue (78%)



- Red (84%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9676, 0.3252, 0.3126 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 52.9676, 0.3252, 0.3126 by changing the saturation by 10% instead.

■ 52.9676, 0.3252,
0.3126

■ 52.9676, 0.3252,
0.3126

398.1608, 0.3191,
0.3205

■ 37.7769, 0.3267,
0.3107

■ 94.5567, 0.3230,
0.3154

■ 25.8096, 0.3285,
0.3083

121.7239, 0.3222,
0.3165

■ 16.6812, 0.3309,
0.3052

153.6520, 0.3215,
0.3174

■ 10.0075, 0.3342,
0.3009

190.7255, 0.3209,
0.3182

■ 5.4039, 0.3389,
0.2949

233.3287, 0.3204,
0.3189

■ 2.4862, 0.3463,
0.2855

281.8461, 0.3199,

■ 0.8697, 0.3595,

0.3195

0.2690

336.6620, 0.3195,
0.3201

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9676, 0.3252,
0.3126

52.9676, 0.3252,
0.3126

44.2388, 0.3370,
0.2994

63.0707, 0.3154,
0.3252

36.8173, 0.3510,
0.2860

74.5972, 0.3073,
0.3370

30.6412, 0.3676,
0.2729

87.6024, 0.3007,
0.3480

25.6406, 0.3868,
0.2608

92.0505, 0.2949,
0.3429

■ 21.7388, 0.4086,
0.2510

■ 92.7062, 0.2892,
0.3318

■ 18.8496, 0.4322,
0.2446

■ 92.8872, 0.2877,
0.3289

■ 16.8741, 0.4569,
0.2428

■ 15.6927, 0.4813,
0.2464

■ 15.2031, 0.4975,
0.2514

Harmonies

Analogous

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



52.9676, 0.3078, 0.3031



52.9676, 0.3252, 0.3126



52.9676, 0.3395, 0.3262

Triad

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



52.9676, 0.3252, 0.3126



52.9676, 0.3331, 0.3591



52.9676, 0.2801, 0.3156

Complementary

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



52.9676, 0.3252, 0.3126



62.0284, 0.3018, 0.3460

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.



52.9676, 0.2865, 0.3310



52.9676, 0.3252, 0.3126



52.9676, 0.3169, 0.3567

Square

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



52.9676, 0.3252, 0.3126



52.9676, 0.3441, 0.3531



52.9676, 0.2999, 0.3463



52.9676, 0.2821, 0.3044

Rectangle

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



52.9676, 0.3252, 0.3126



52.9676, 0.3451, 0.3361



52.9676, 0.2999, 0.3463



52.9676, 0.2814, 0.3204

Sweetspot

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



52.9699, 0.3252, 0.3126



93.3404, 0.3162, 0.3241



51.5809, 0.3025, 0.2956



19.7190, 0.3169, 0.3232



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.



52.9699, 0.3252, 0.3126



75.4320, 0.3285, 0.3087



52.3674, 0.3362, 0.3285



12.5236, 0.3213, 0.3174



9.3067, 0.4943, 0.2496



0.5780, 0.4563, 0.2287

Inverse Universe

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



52.9699, 0.3252, 0.3126



75.4320, 0.3285, 0.3087



62.6869, 0.2931, 0.3295



12.5236, 0.3213, 0.3174



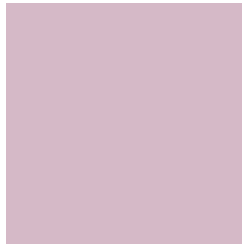
9.3067, 0.4943, 0.2496



0.5780, 0.4563, 0.2287

Previews

White Background



This preview shows how the Yxy color 52.9676, 0.3252, 0.3126 looks on a white background.

Color Contrast Check

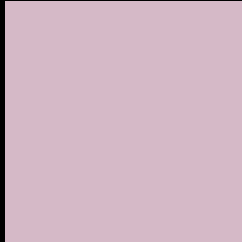
Large Text (above 18pt) WCAG AA × Fail

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 52.9676, 0.3252, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

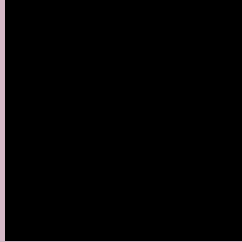
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9676, 0.3252, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 52.9676, 0.3252, 0.3126.



This preview shows how white text looks on a background with the Yxy color 52.9676, 0.3252, 0.3126.

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

52.9676, 0.3252, 0.3126

Protanopia

52.9109, 0.3054, 0.3144

Deuteranopia

53.0741, 0.3208, 0.3148



Tritanopia

52.9676, 0.3252, 0.3126

Trichromacy



Original Color

52.9676, 0.3252, 0.3126

Protanomaly

52.9388, 0.3118, 0.3134

Deuteranomaly

52.9430, 0.3226, 0.3137

Tritanomaly

52.9676, 0.3252, 0.3126

Monochromacy



Original Color

52.9676, 0.3252, 0.3126

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8037, 0.3179, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9676, 0.3252, 0.3126 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(213, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 199)  
}
```

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(213, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.9676, 0.3252, 0.3126 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(213, 185, 199) }
```

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

```
.border{ border-color:rgb(213, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9676, 0.3252, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 199) }
```

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

```
.background{ background-color: rgb(213,  
185, 199) }
```

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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