

Converting Colors

Yxy(51.9729, 0.3135, 0.3046)

Have a look what the booklet for
Yxy(51.9729, 0.3135, 0.3046)
contains.

Yxy(52.0848, 0.3138, 0.3053)	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(52.0848, 0.3138, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	CDB9CD
RGB	205, 185, 205
RGB Percent	80%, 73%, 80%
CMY	0.1962, 0.2744, 0.1961
CMYK	0.00, 0.10, 0.00, 0.20
HSL	300°, 17%, 76%
HSV	300°, 10%, 80%
XYZ	53.5349, 52.0848, 64.9823
YIQ	193.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

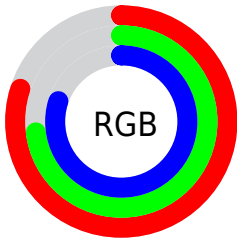
Format	Color
R _Y B	205, 185, 205
Decimal	13482445
CIE Lab	77.33, 10.63, -7.47
CIE LCh	77, 12.995, 324.908
Yxy	52.0848, 0.3138, 0.3053
Android (android.graphics.Color)	4291672525 (0xFFCDB9CD)
YUV	193.2600, 5.7878, 10.2960
Hunter-Lab	72.1698, 6.1126, -2.8664

Details

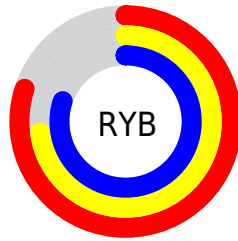
The Yxy color **52.0848, 0.3138, 0.3053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4827, 0.3116, 0.3539**, and the grayscale version is **53.4503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **25.3162, 0.3141, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **44.1135, 0.3149, 0.2804**, and if you desaturate by 10%, it is **61.2971, 0.3127, 0.3296**.

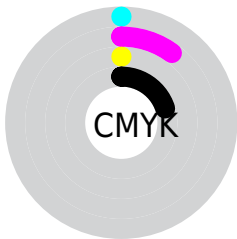
Distribution



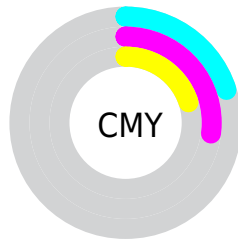
- Red (80%)
- Green (73%)
- Blue (80%)



- Red (80%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0848, 0.3138, 0.3053 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 52.0848, 0.3138, 0.3053 by changing the saturation by 10% instead.


 52.0848, 0.3138,
0.3053

 52.0848, 0.3138,
0.3053

394.7639, 0.3134,
0.3167

 37.0727, 0.3139,
0.3026

 93.2563, 0.3137,
0.3094

 25.2638, 0.3140,
0.2991


120.1844, 0.3136,
0.3109

 16.2737, 0.3141,
0.2946


151.8534, 0.3136,
0.3122

 9.7180, 0.3142,
0.2886

188.6475, 0.3135,
0.3134

 5.2124, 0.3142,
0.2800

230.9513, 0.3135,
0.3144

 2.3724, 0.3141,
0.2668

279.1490, 0.3134,

 0.8116, 0.3136,

0.3153

0.2434

333.6250, 0.3134,
0.3160

0.0000, 0.0000,
0.0000

52.0848, 0.3138,
0.3053

52.0848, 0.3138,
0.3053

44.1135, 0.3149,
0.2804

61.2971, 0.3127,
0.3296

37.3239, 0.3161,
0.2557

71.7933, 0.3116,
0.3529

31.6618, 0.3171,
0.2319


83.6223, 0.3106,
0.3747


27.0660, 0.3181,
0.2100


88.9199, 0.3102,
0.3832

23.4699, 0.3190,
0.1910


88.9249, 0.3103,
0.3832

 20.7989, 0.3196,
0.1756

 88.9298, 0.3103,
0.3832

 18.9684, 0.3201,
0.1644

 88.9347, 0.3103,
0.3832

 17.8782, 0.3204,
0.1575

 88.9397, 0.3103,
0.3832

 17.3474, 0.3205,
0.1540

 88.9446, 0.3103,
0.3832

Harmonies

Analogous

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



52.0848, 0.2967, 0.2998



52.0848, 0.3138, 0.3053



52.0848, 0.3310, 0.3167

Triad

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



52.0848, 0.3138, 0.3053



52.0848, 0.3417, 0.3565



52.0848, 0.2829, 0.3254

Complementary

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



52.0848, 0.3138, 0.3053



57.4827, 0.3116, 0.3539

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.



52.0848, 0.2944, 0.3416



52.0848, 0.3138, 0.3053



52.0848, 0.3283, 0.3599

Square

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



52.0848, 0.3138, 0.3053



52.0848, 0.3474, 0.3459



52.0848, 0.3109, 0.3545



52.0848, 0.2792, 0.3108

Rectangle

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



52.0848, 0.3138, 0.3053



52.0848, 0.3401, 0.3263



52.0848, 0.3109, 0.3545



52.0848, 0.2859, 0.3309

Sweetspot

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



52.0871, 0.3138, 0.3053



95.2133, 0.3131, 0.3217



49.5705, 0.2976, 0.3045



20.1127, 0.3131, 0.3197



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.



52.0871, 0.3138, 0.3053



81.9968, 0.3141, 0.2993



51.6400, 0.3214, 0.3166



11.4028, 0.3138, 0.3062



10.7938, 0.3205, 0.1539



0.5572, 0.3206, 0.1540

Inverse Universe

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



51.1897, 0.3297, 0.3290



80.1929, 0.3345, 0.3290



57.9002, 0.3048, 0.3417



11.2140, 0.3290, 0.3290



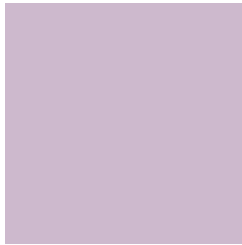
8.0806, 0.6399, 0.3299



0.4170, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 52.0848, 0.3138, 0.3053 looks on a white background.

Color Contrast Check

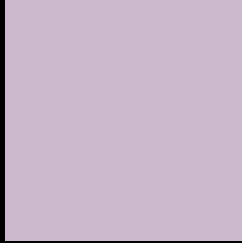
Large Text (above 18pt) WCAG AA × Fail

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 52.0848, 0.3138, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

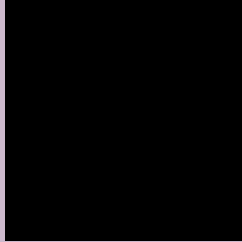
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0848, 0.3138, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 52.0848, 0.3138, 0.3053.



This preview shows how white text looks on a background with the Yxy color 52.0848, 0.3138, 0.3053.

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

52.0848, 0.3138, 0.3053

Protanopia

52.3281, 0.2994, 0.3070

Deuteranopia

52.2221, 0.3121, 0.3064



Tritanopia

52.1253, 0.3168, 0.3123

Trichromacy



Original Color

52.0848, 0.3138, 0.3053

Protanomaly

52.0735, 0.3041, 0.3060

Deuteranomaly

52.3630, 0.3130, 0.3064

Tritanomaly

52.2194, 0.3153, 0.3099

Monochromacy



Original Color

52.0848, 0.3138, 0.3053

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7284, 0.3131, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0848, 0.3138, 0.3053 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(205, 185, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 185, 205)  
}
```

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(205, 185, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 185, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.0848, 0.3138, 0.3053 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(205, 185, 205) }
```

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

```
.border{ border-color:rgb(205, 185, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 185, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 185, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 185, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 185,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0848, 0.3138, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 185, 205) }
```

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

```
.background{ background-color: rgb(205,  
185, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor