

Converting Colors

$Yxy(52.8567, 0.3140, 0.3010)$

Have a look what the booklet for
Yxy(52.8567, 0.3140, 0.3010)
contains.

Yxy(52.8567, 0.3140, 0.3010)	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(52.8567, 0.3140, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	D1B9D1
RGB	209, 185, 209
RGB Percent	82%, 73%, 82%
CMY	0.1806, 0.2744, 0.1805
CMYK	0.00, 0.11, 0.00, 0.18
HSL	300°, 21%, 77%
HSV	300°, 11%, 82%
XYZ	55.1395, 52.8567, 67.6074
YIQ	194.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

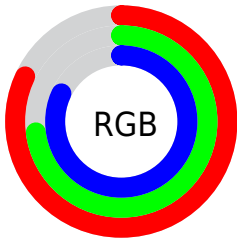
Format	Color
R_{YB}	209, 185, 209
Decimal	13744593
CIE Lab	77.79, 12.74, -8.92
CIE LCh	78, 15.551, 325.011
Yxy	52.8567, 0.3140, 0.3010
Android (android.graphics.Color)	4291934673 (0xFFD1B9D1)
YUV	194.9120, 6.9454, 12.3552
Hunter-Lab	72.7026, 8.1495, -4.2430

Details

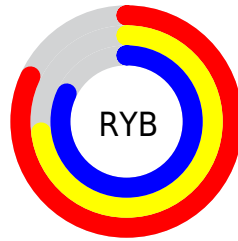
The Yxy color $52.8567, 0.3140, 0.3010$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.4194, 0.3114, 0.3587$, and the grayscale version is $54.4709, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $25.7391, 0.3133, 0.2933$ is the 20% darker color. If you saturate the color by 10%, you get $44.7422, 0.3151, 0.2761$, and if you desaturate by 10%, it is $62.2610, 0.3129, 0.3255$.

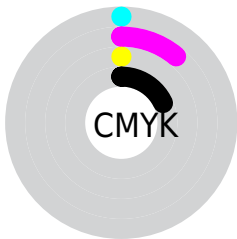
Distribution



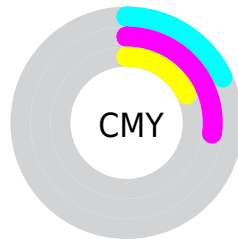
- Red (82%)
- Green (73%)
- Blue (82%)



- Red (82%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)




- Cyan (18%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8567, 0.3140, 0.3010 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 52.8567, 0.3140, 0.3010 by changing the saturation by 10% instead.

 52.8567, 0.3140,
0.3010

 52.8567, 0.3140,
0.3010


397.7351, 0.3135,
0.3144

 37.6884, 0.3141,
0.2978


 94.3935, 0.3138,
0.3058

 25.7409, 0.3142,
0.2938

121.5307, 0.3138,
0.3076

 16.6299, 0.3143,
0.2886

153.4264, 0.3137,
0.3091

 9.9710, 0.3143,
0.2817

190.4649, 0.3137,
0.3105

 5.3797, 0.3143,
0.2719

233.0306, 0.3136,
0.3116

 2.4717, 0.3141,
0.2570

281.5080, 0.3136,

 0.8624, 0.3130,

0.3127

336.2813, 0.3135,
0.3136

0.2317

0.0000, 0.1802,
0.0000

0.0000, 0.0000,
0.0000

52.8567, 0.3140,
0.3010

52.8567, 0.3140,
0.3010

44.7422, 0.3151,
0.2761

62.2610, 0.3129,
0.3255

37.8549, 0.3163,
0.2514

73.0006, 0.3118,
0.3490

32.1370, 0.3173,
0.2278

85.1274, 0.3108,
0.3711

27.5236, 0.3183,
0.2064

89.6889, 0.3105,
0.3784

■ 23.9433, 0.3191,
0.1880

■ 89.6935, 0.3105,
0.3784

■ 21.3167, 0.3198,
0.1733

■ 89.6981, 0.3105,
0.3784

■ 19.5523, 0.3202,
0.1629

■ 89.7027, 0.3105,
0.3784

■ 18.5414, 0.3205,
0.1566

■ 89.7073, 0.3105,
0.3784

■ 18.1101, 0.3205,
0.1539

■ 89.7119, 0.3105,
0.3784

Harmonies

Analogous

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



52.8567, 0.2937, 0.2944



52.8567, 0.3140, 0.3010



52.8567, 0.3345, 0.3144

Triad

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



52.8567, 0.3140, 0.3010



52.8567, 0.3472, 0.3617



52.8567, 0.2773, 0.3245

Complementary

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



52.8567, 0.3140, 0.3010



59.4194, 0.3114, 0.3587

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.



52.8567, 0.2908, 0.3440



52.8567, 0.3140, 0.3010



52.8567, 0.3311, 0.3659

Square

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



52.8567, 0.3140, 0.3010



52.8567, 0.3541, 0.3489



52.8567, 0.3104, 0.3595



52.8567, 0.2730, 0.3071

Rectangle

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



52.8567, 0.3140, 0.3010



52.8567, 0.3454, 0.3257



52.8567, 0.3104, 0.3595



52.8567, 0.2809, 0.3311

Sweetspot

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



52.8590, 0.3140, 0.3010



95.2136, 0.3131, 0.3217



49.7958, 0.2948, 0.2998



20.1128, 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.



52.8590, 0.3140, 0.3010



79.2895, 0.3143, 0.2943



52.3113, 0.3231, 0.3144



12.0081, 0.3138, 0.3061



11.1684, 0.3205, 0.1540



0.6248, 0.3206, 0.1540

Inverse Universe

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



51.7669, 0.3331, 0.3290



77.2128, 0.3387, 0.3290



59.9242, 0.3035, 0.3441



11.8085, 0.3290, 0.3290



8.3584, 0.6399, 0.3299



0.4674, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 52.8567, 0.3140, 0.3010 looks on a white background.

Color Contrast Check

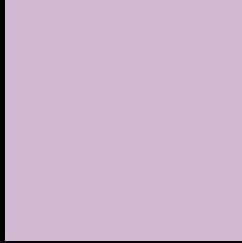
Large Text (above 18pt) WCAG AA × Fail

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 52.8567, 0.3140, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

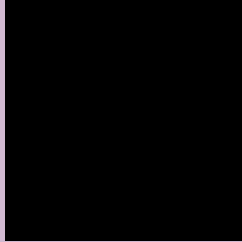
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8567, 0.3140, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 52.8567, 0.3140, 0.3010.



This preview shows how white text looks on a background with the Yxy color 52.8567, 0.3140, 0.3010.

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

52.8567, 0.3140, 0.3010

Protanopia

53.0128, 0.2959, 0.3023

Deuteranopia

52.9815, 0.3099, 0.3030



Tritanopia

52.7448, 0.3194, 0.3113

Trichromacy



Original Color

52.8567, 0.3140, 0.3010

Protanomaly

53.0190, 0.3020, 0.3015

Deuteranomaly

52.8431, 0.3115, 0.3019

Tritanomaly

52.8873, 0.3170, 0.3078

Monochromacy



Original Color

52.8567, 0.3140, 0.3010

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7111, 0.3132, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8567, 0.3140, 0.3010 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(209, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 185, 209)  
}
```

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(209, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 185, 209) }
```

Border

The CSS property to change the border of an element to Yxy 52.8567, 0.3140, 0.3010 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(209, 185, 209) }
```

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

```
.border{ border-color:rgb(209, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 185,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8567, 0.3140, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 185, 209) }
```

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

```
.background{ background-color: rgb(209,  
185, 209) }
```

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