

Converting Colors

$Yxy(52.3235, 0.3134, 0.3008)$

Have a look what the booklet for
Yxy(52.3235, 0.3134, 0.3008)
contains.

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Color

Yxy(52.2449, 0.3140, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	D0B8D0
RGB	208, 184, 208
RGB Percent	82%, 72%, 82%
CMY	0.1844, 0.2784, 0.1842
CMYK	0.00, 0.12, 0.00, 0.18
HSL	300°, 20%, 77%
HSV	300°, 12%, 82%
XYZ	54.5376, 52.2449, 66.9040
YIQ	193.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

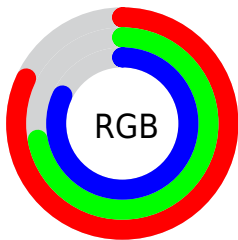
Format	Color
R_{YB}	208, 184, 208
Decimal	13678800
CIE _{Lab}	77.43, 12.78, -8.95
CIE _{LCh}	77, 15.604, 325.003
Yxy	52.2449, 0.3140, 0.3008
Android (android.graphics.Color)	4291868880 (0xFFD0B8D0)
YUV	193.9120, 6.9454, 12.3552
Hunter-Lab	72.2806, 8.1916, -4.2833

Details

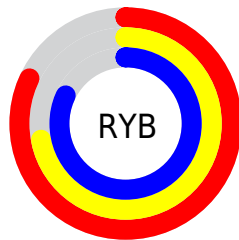
The Yxy color $52.2449, 0.3140, 0.3008$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.7852, 0.3113, 0.3589$, and the grayscale version is $53.8503, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $25.4357, 0.3144, 0.2932$ is the 20% darker color. If you saturate the color by 10%, you get $44.2242, 0.3151, 0.2759$, and if you desaturate by 10%, it is $61.5411, 0.3129, 0.3253$.

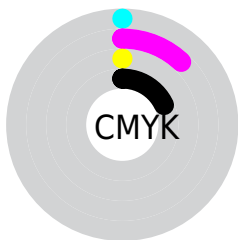
Distribution



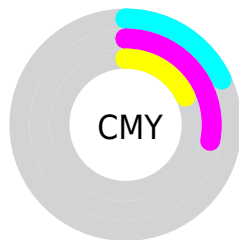
- Red (82%)
- Green (72%)
- Blue (82%)



- Red (82%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2449, 0.3140, 0.3008 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 52.2449, 0.3140, 0.3008 by changing the saturation by 10% instead.

■ 52.2449, 0.3140,
0.3008

■ 52.2449, 0.3140,
0.3008

■ 395.3813, 0.3135,
0.3143

■ 37.2003, 0.3141,
0.2976

■ 93.4923, 0.3138,
0.3056

■ 25.3626, 0.3142,
0.2935

■ 120.4639, 0.3138,
0.3074

■ 16.3474, 0.3143,
0.2883

■ 152.1800, 0.3137,
0.3090

■ 9.7703, 0.3143,
0.2812

■ 189.0250, 0.3137,
0.3104

■ 5.2470, 0.3143,
0.2713

■ 231.3832, 0.3136,
0.3115

■ 2.3929, 0.3141,
0.2561

■ 279.6391, 0.3136,

■ 0.8222, 0.3130,

0.3126

0.2299

334.1770, 0.3135,
0.3135

0.0000, 0.1158,
0.0000

0.0000, 0.0000,
0.0000

52.2449, 0.3140,
0.3008

52.2449, 0.3140,
0.3008

44.2242, 0.3151,
0.2759

61.5411, 0.3129,
0.3253

37.4169, 0.3162,
0.2512

72.1578, 0.3118,
0.3488

31.7660, 0.3173,
0.2277

84.1462, 0.3108,
0.3709

27.2071, 0.3182,
0.2062

89.5070, 0.3104,
0.3796

■ 23.6697, 0.3191,
0.1878

■ 89.5129, 0.3104,
0.3795

■ 21.0751, 0.3197,
0.1732

■ 89.5188, 0.3105,
0.3795

■ 19.3329, 0.3201,
0.1628

■ 89.5247, 0.3105,
0.3795

■ 18.3352, 0.3203,
0.1566

■ 89.5307, 0.3105,
0.3795

■ 17.9110, 0.3204,
0.1539

■ 89.5366, 0.3105,
0.3795

Harmonies

Analogous

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



52.2449, 0.2936, 0.2942



52.2449, 0.3140, 0.3008



52.2449, 0.3347, 0.3143

Triad

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



52.2449, 0.3140, 0.3008



52.2449, 0.3475, 0.3619



52.2449, 0.2770, 0.3245

Complementary

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



52.2449, 0.3140, 0.3008



58.7852, 0.3113, 0.3589

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.



52.2449, 0.2906, 0.3441



52.2449, 0.3140, 0.3008



52.2449, 0.3312, 0.3662

Square

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



52.2449, 0.3140, 0.3008



52.2449, 0.3544, 0.3491



52.2449, 0.3104, 0.3597



52.2449, 0.2727, 0.3070

Rectangle

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



52.2449, 0.3140, 0.3008



52.2449, 0.3457, 0.3257



52.2449, 0.3104, 0.3597



52.2449, 0.2806, 0.3311

Sweetspot

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



52.2472, 0.3140, 0.3008



95.2130, 0.3130, 0.3217



49.1973, 0.2946, 0.2996



20.1126, 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.



52.2472, 0.3140, 0.3008



79.2864, 0.3143, 0.2943



51.7030, 0.3232, 0.3142



12.0078, 0.3138, 0.3061



11.1599, 0.3204, 0.1539



0.6244, 0.3205, 0.1539

Inverse Universe

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



51.1613, 0.3332, 0.3290



77.2137, 0.3387, 0.3290



59.2866, 0.3034, 0.3442



11.8086, 0.3290, 0.3290



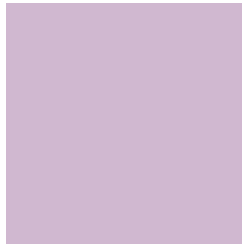
8.3585, 0.6398, 0.3298



0.4675, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 52.2449, 0.3140, 0.3008 looks on a white background.

Color Contrast Check

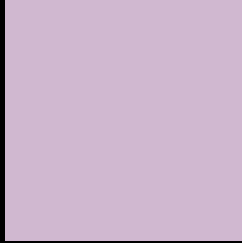
Large Text (above 18pt) WCAG AA × Fail

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 52.2449, 0.3140, 0.3008 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 52.2449, 0.3140, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 52.2449, 0.3140, 0.3008.



This preview shows how white text looks on a background with the Yxy color 52.2449, 0.3140, 0.3008.

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

52.2449, 0.3140, 0.3008

Protanopia

52.3992, 0.2958, 0.3022

Deuteranopia

52.3684, 0.3098, 0.3029



Tritanopia

52.1335, 0.3194, 0.3112

Trichromacy



Original Color

52.2449, 0.3140, 0.3008

Protanomaly

52.4054, 0.3020, 0.3014

Deuteranomaly

52.2311, 0.3115, 0.3018

Tritanomaly

52.2751, 0.3170, 0.3077

Monochromacy



Original Color

52.2449, 0.3140, 0.3008

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0925, 0.3132, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2449, 0.3140, 0.3008 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(208, 184, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 208)  
}
```

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(208, 184, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.2449, 0.3140, 0.3008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

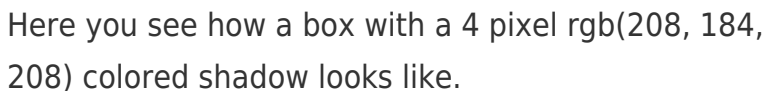
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 184, 208) }
```

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

```
.border{ border-color:rgb(208, 184, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 184, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 184, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 184, 208); box-shadow:4px 4px 4px 4px rgb(208, 184, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2449, 0.3140, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 208) }
```

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

```
.background{ background-color: rgb(208,  
184, 208) }
```

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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