

Converting Colors

Yxy(52.3126, 0.3457, 0.3293)

Have a look what the booklet for
Yxy(52.3126, 0.3457, 0.3293)
contains.

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Color

Yxy(52.0489, 0.3458, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	DCB6B6
RGB	220, 182, 182
RGB Percent	86%, 71%, 71%
CMY	0.1372, 0.2863, 0.2863
CMYK	0.00, 0.17, 0.17, 0.14
HSL	0°, 35%, 79%
HSV	0°, 17%, 86%
XYZ	54.6901, 52.0489, 51.4163
YIQ	193.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

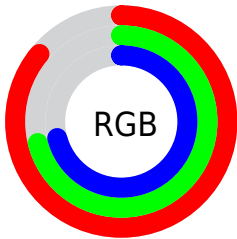
Format	Color
R _Y B	220, 182, 182
Decimal	14464694
CIE Lab	77.31, 13.67, 5.14
CIE LCh	77, 14.607, 20.586
Yxy	52.0489, 0.3458, 0.3291
Android (android.graphics.Color)	4292654774 (0xFFDCB6B6)
YUV	193.3620, -5.6015, 23.3615
Hunter-Lab	72.1449, 9.0599, 8.2466

Details

The Yxy color $52.0489, 0.3458, 0.3291$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $66.3065, 0.2868, 0.3289$, and the grayscale version is $53.5780, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.5821, 0.3241, 0.3290$, and $25.1780, 0.3545, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $42.8979, 0.3717, 0.3292$, and if you desaturate by 10%, it is $62.7629, 0.3251, 0.3290$.

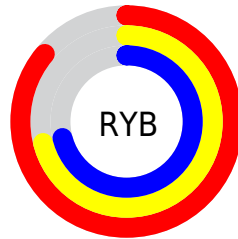
Distribution



Red (86%)

Green (71%)

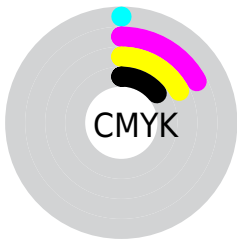
Blue (71%)



Red (86%)

Yellow (71%)

Blue (71%)

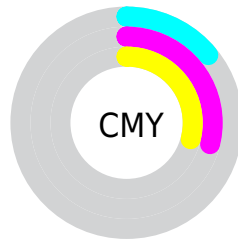


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (14%)



Cyan (14%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0489, 0.3458, 0.3291 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 52.0489, 0.3458, 0.3291 by changing the saturation by 10% instead.


 52.0489, 0.3458,
0.3291

 52.0489, 0.3458,
0.3291


394.6254, 0.3295,
0.3292

 37.0441, 0.3498,
0.3290


 93.2034, 0.3399,
0.3292

 25.2416, 0.3549,
0.3289


120.1217, 0.3377,
0.3292

 16.2571, 0.3617,
0.3286


151.7801, 0.3358,
0.3292

 9.7063, 0.3710,
0.3282

188.5629, 0.3342,
0.3292

 5.2047, 0.3847,
0.3274

230.8544, 0.3328,
0.3292

 2.3678, 0.4066,
0.3257

279.0390, 0.3315,

 0.8093, 0.4593,

0.3292

0.3287

333.5012, 0.3304,
0.3292

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0489, 0.3458,
0.3291

52.0489, 0.3458,
0.3291

42.8979, 0.3717,
0.3292

62.7629, 0.3251,
0.3290

35.2304, 0.4037,
0.3293

75.1008, 0.3086,
0.3290

28.9704, 0.4425,
0.3294

89.1287, 0.2954,
0.3289

24.0323, 0.4874,
0.3295

93.9585, 0.2917,
0.3289

■ 20.3213, 0.5355,
0.3297

■ 17.7302, 0.5811,
0.3298

■ 16.1330, 0.6165,
0.3299

■ 15.3620, 0.6362,
0.3300

■ 15.2191, 0.6401,
0.3300

Harmonies

Analogous

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



52.0489, 0.3307, 0.3130



52.0489, 0.3458, 0.3291



52.0489, 0.3518, 0.3456

Triad

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



52.0489, 0.3458, 0.3291



52.0489, 0.3135, 0.3592



52.0489, 0.2794, 0.2992

Complementary

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



52.0489, 0.3458, 0.3291



66.3065, 0.2868, 0.3289

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.



52.0489, 0.2752, 0.3105



52.0489, 0.3458, 0.3291



52.0489, 0.2945, 0.3457

Square

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



52.0489, 0.3458, 0.3291



52.0489, 0.3327, 0.3638



52.0489, 0.2806, 0.3275



52.0489, 0.2923, 0.2960

Rectangle

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



52.0489, 0.3458, 0.3291



52.0489, 0.3497, 0.3549



52.0489, 0.2806, 0.3275



52.0489, 0.2769, 0.3021

Sweetspot

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



52.0513, 0.3458, 0.3291



91.3399, 0.3211, 0.3290



53.8405, 0.3147, 0.2864



19.3000, 0.3223, 0.3290



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.



52.0513, 0.3458, 0.3291



67.4847, 0.3552, 0.3291



60.3721, 0.3421, 0.3509



13.0518, 0.3292, 0.3291



8.9304, 0.6401, 0.3300



0.5786, 0.6400, 0.3300

Inverse Universe

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



66.3065, 0.2868, 0.3289



91.2159, 0.2813, 0.3289



56.8891, 0.2856, 0.3060



14.8293, 0.2982, 0.3290



33.0655, 0.2246, 0.3287



2.1422, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 52.0489, 0.3458, 0.3291 looks on a white background.

Color Contrast Check

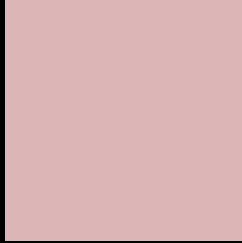
Large Text (above 18pt) WCAG AA × Fail

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 52.0489, 0.3458, 0.3291 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 52.0489, 0.3458, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 52.0489, 0.3458, 0.3291.



This preview shows how white text looks on a background with the Yxy color 52.0489, 0.3458, 0.3291.

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

52.0489, 0.3458, 0.3291

Protanopia

52.1505, 0.3200, 0.3327

Deuteranopia

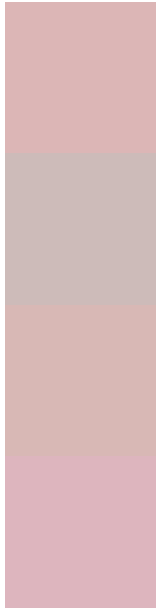
52.1803, 0.3399, 0.3339



Tritanopia

52.0672, 0.3377, 0.3129

Trichromacy



Original Color

52.0489, 0.3458, 0.3291

Protanomaly

52.0226, 0.3294, 0.3315

Deuteranomaly

52.2161, 0.3427, 0.3326

Tritanomaly

52.1376, 0.3400, 0.3186

Monochromacy



Original Color

52.0489, 0.3458, 0.3291

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7658, 0.3243, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0489, 0.3458, 0.3291 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(220, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(220, 182, 182)  
}
```

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(220, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 182, 182) }
```

Border

The CSS property to change the border of an element to Yxy 52.0489, 0.3458, 0.3291 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(220, 182, 182) }
```

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

```
.border{ border-color:rgb(220, 182, 182) }
```

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

Here you see how a box with a 4 pixel rgb(220, 182, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(220, 182,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0489, 0.3458, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 182, 182) }
```

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

```
.background{ background-color: rgb(220,  
182, 182) }
```

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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