

Converting Colors

Yxy(54.5621, 0.3047, 0.2952)

Have a look what the booklet for
Yxy(54.5621, 0.3047, 0.2952)
contains.

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Color

Yxy(54.5790, 0.3047, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	CEBDDA
RGB	206, 189, 218
RGB Percent	81%, 74%, 85%
CMY	0.1923, 0.2588, 0.1452
CMYK	0.06, 0.13, 0.00, 0.15
HSL	275°, 28%, 80%
HSV	275°, 13%, 85%
XYZ	56.2973, 54.5790, 73.8867
YIQ	197.3890, 0.8230, 12.6230

Conversions

Conversions Part 2

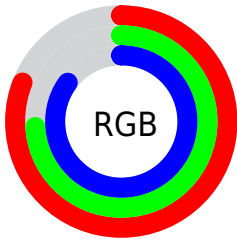
Format	Color
R _Y B	206, 189, 218
Decimal	13549018
CIE Lab	78.80, 11.29, -12.31
CIE LCh	79, 16.703, 312.544
Yxy	54.5790, 0.3047, 0.2954
Android (android.graphics.Color)	4291739098 (0xFFCEBDDA)
YUV	197.3890, 10.1612, 7.5518
Hunter-Lab	73.8776, 6.7374, -7.5830

Details

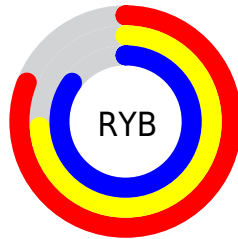
The Yxy color **54.5790, 0.3047, 0.2954** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.2331, 0.3198, 0.3630**, and the grayscale version is **56.0179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **26.9281, 0.3029, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **44.6390, 0.2974, 0.2681**, and if you desaturate by 10%, it is **66.0076, 0.3109, 0.3210**.

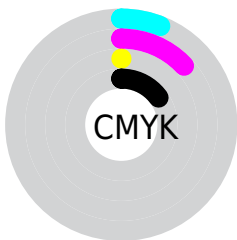
Distribution



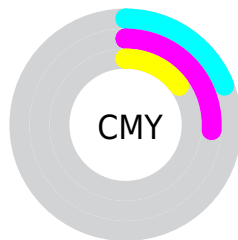
- Red (81%)
- Green (74%)
- Blue (85%)



- Red (81%)
- Yellow (74%)
- Blue (85%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)




- Cyan (19%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5790, 0.3047, 0.2954 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 54.5790, 0.3047, 0.2954 by changing the saturation by 10% instead.


 54.5790, 0.3047,
0.2954

 54.5790, 0.3047,
0.2954

404.3141, 0.3087,
0.3114

 39.0648, 0.3037,
0.2916


 96.9239, 0.3062,
0.3010

 26.8101, 0.3024,
0.2869

124.5232, 0.3067,
0.3032

 17.4307, 0.3007,
0.2809


156.9198, 0.3072,
0.3051

 10.5420, 0.2983,
0.2728

194.4980, 0.3076,
0.3067

 5.7598, 0.2948,
0.2615

237.6421, 0.3079,
0.3081

 2.6996, 0.2891,
0.2447

286.7365, 0.3082,

 0.9770, 0.2787,

0.3093

0.2169

342.1657, 0.3085,
0.3104

■ 0.0000, 0.1726,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5790, 0.3047,
0.2954

■ 54.5790, 0.3047,
0.2954

■ 44.6390, 0.2974,
0.2681

■ 66.0076, 0.3109,
0.3210

■ 36.1168, 0.2891,
0.2397

■ 78.9778, 0.3161,
0.3446

■ 28.9459, 0.2796,
0.2110

■ 93.5485, 0.3204,
0.3662

■ 23.0519, 0.2693,
0.1830

■ 95.4842, 0.3262,
0.3661

■ 18.3527, 0.2583,
0.1571

■ 97.1257, 0.3321,
0.3654

■ 14.7566, 0.2471,
0.1347

■ 97.8412, 0.3346,
0.3651

■ 12.1579, 0.2360,
0.1168

■ 10.4288, 0.2255,
0.1041

■ 9.6148, 0.2189,
0.0980

Harmonies

Analogous

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



54.5790, 0.2850, 0.2920



54.5790, 0.3047, 0.2954



54.5790, 0.3272, 0.3069

Triad

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



54.5790, 0.3047, 0.2954



54.5790, 0.3538, 0.3589



54.5790, 0.2800, 0.3329

Complementary

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



54.5790, 0.3047, 0.2954



66.2331, 0.3198, 0.3630

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.



54.5790, 0.2975, 0.3527



54.5790, 0.3047, 0.2954



54.5790, 0.3402, 0.3677

Square

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



54.5790, 0.3047, 0.2954



54.5790, 0.3561, 0.3428



54.5790, 0.3195, 0.3657



54.5790, 0.2712, 0.3127

Rectangle

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



54.5790, 0.3047, 0.2954



54.5790, 0.3407, 0.3179



54.5790, 0.3195, 0.3657



54.5790, 0.2850, 0.3399

Sweetspot

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



54.5813, 0.3047, 0.2954



92.8700, 0.3105, 0.3192



57.6968, 0.2920, 0.3088



19.5996, 0.3100, 0.3173



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.



54.5813, 0.3047, 0.2954



73.6039, 0.3027, 0.2878



56.2421, 0.3161, 0.2990



12.9916, 0.3072, 0.3055



5.8256, 0.2203, 0.0987



0.4275, 0.2364, 0.1076

Inverse Universe

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



55.5251, 0.3273, 0.3152



75.2312, 0.3310, 0.3121



64.7373, 0.3095, 0.3609



13.1407, 0.3227, 0.3193



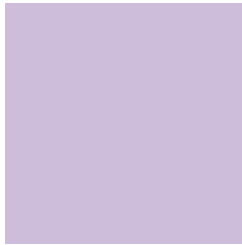
9.3971, 0.5306, 0.2697



0.6257, 0.4884, 0.2464

Previews

White Background



This preview shows how the Yxy color 54.5790, 0.3047, 0.2954 looks on a white background.

Color Contrast Check

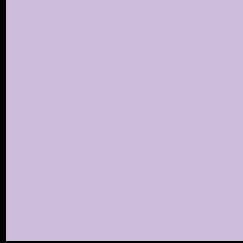
Large Text (above 18pt) WCAG AA × Fail

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 54.5790, 0.3047, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

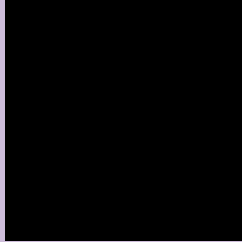
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5790, 0.3047, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 54.5790, 0.3047, 0.2954.



This preview shows how white text looks on a background with the Yxy color 54.5790, 0.3047, 0.2954.

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

54.5790, 0.3047, 0.2954

Protanopia

54.8804, 0.2912, 0.2969

Deuteranopia

54.5854, 0.3024, 0.2963



Tritanopia

54.5552, 0.3119, 0.3113

Trichromacy



Original Color

54.5790, 0.3047, 0.2954

Protanomaly

54.6023, 0.2956, 0.2959

Deuteranomaly

54.7262, 0.3031, 0.2964

Tritanomaly

54.4592, 0.3098, 0.3055

Monochromacy



Original Color

54.5790, 0.3047, 0.2954

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2707, 0.3094, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5790, 0.3047, 0.2954 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(206, 189, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 189, 218)  
}
```

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(206, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 189, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.5790, 0.3047, 0.2954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

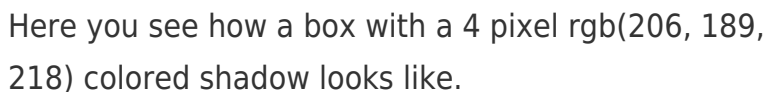
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 189, 218) }
```

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

```
.border{ border-color:rgb(206, 189, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 189, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 189, 218); box-shadow:4px 4px 4px 4px rgb(206, 189, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5790, 0.3047, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 189, 218) }
```

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

```
.background{ background-color: rgb(206,  
189, 218) }
```

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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