

Converting Colors

Yxy(54.0531, 0.3206, 0.3015)

Have a look what the booklet for
Yxy(54.0531, 0.3206, 0.3015)
contains.

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Color

Yxy(54.0531, 0.3206, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	D9B9D1
RGB	217, 185, 209
RGB Percent	85%, 73%, 82%
CMY	0.1490, 0.2745, 0.1802
CMYK	0.00, 0.15, 0.04, 0.15
HSL	315°, 30%, 79%
HSV	315°, 15%, 85%
XYZ	57.4774, 54.0531, 67.7501
YIQ	197.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

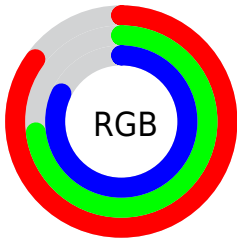
Format	Color
R _Y B	217, 185, 209
Decimal	14268881
CIE Lab	78.49, 15.52, -7.83
CIE LCh	78, 17.386, 333.247
Yxy	54.0531, 0.3206, 0.3015
Android (android.graphics.Color)	4292458961 (0xFFD9B9D1)
YUV	197.3040, 5.7661, 17.2734
Hunter-Lab	73.5208, 10.8869, -3.1717

Details

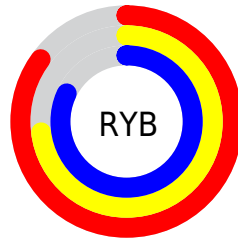
The Yxy color **54.0531, 0.3206, 0.3015** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7910, 0.3057, 0.3582**, and the grayscale version is **55.9899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **26.5505, 0.3222, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **45.3954, 0.3270, 0.2821**, and if you desaturate by 10%, it is **64.1103, 0.3151, 0.3204**.

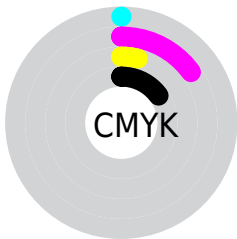
Distribution



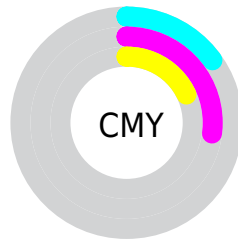
- Red (85%)
- Green (73%)
- Blue (82%)



- Red (85%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0531, 0.3206, 0.3015 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 54.0531, 0.3206, 0.3015 by changing the saturation by 10% instead.

 54.0531, 0.3206,
0.3015

 54.0531, 0.3206,
0.3015


402.3125, 0.3169,
0.3146

 38.6441, 0.3215,
0.2984

 96.1522, 0.3193,
0.3061

 26.4830, 0.3225,
0.2945


123.6111, 0.3188,
0.3079

 17.1853, 0.3239,
0.2895


155.8555, 0.3184,
0.3094

 10.3667, 0.3257,
0.2828

193.2696, 0.3180,
0.3107

 5.6428, 0.3282,
0.2734

236.2380, 0.3177,
0.3119

 2.6291, 0.3319,
0.2592

285.1450, 0.3174,

 0.9413, 0.3377,

0.3129

0.2354

340.3750, 0.3171,
0.3138

0.0000, 0.3762,
0.0000

0.0000, 0.0000,
0.0000

54.0531, 0.3206,
0.3015

54.0531, 0.3206,
0.3015

45.3954, 0.3270,
0.2821

64.1103, 0.3151,
0.3204

38.0673, 0.3344,
0.2627

75.6186, 0.3103,
0.3383

32.0038, 0.3427,
0.2441

88.6357, 0.3063,
0.3551

27.1314, 0.3518,
0.2272

92.0217, 0.3032,
0.3543

■ 23.3689, 0.3616,
0.2129

■ 92.3311, 0.3002,
0.3486

■ 20.6253, 0.3717,
0.2024

■ 92.6499, 0.2973,
0.3429

■ 18.7947, 0.3819,
0.1964

■ 92.9782, 0.2944,
0.3373

■ 17.7480, 0.3917,
0.1952

■ 93.3163, 0.2915,
0.3317

■ 17.3966, 0.3968,
0.1960

■ 93.4924, 0.2900,
0.3289

Harmonies

Analogous

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



54.0531, 0.2974, 0.2919



54.0531, 0.3206, 0.3015



54.0531, 0.3424, 0.3178

Triad

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



54.0531, 0.3206, 0.3015



54.0531, 0.3469, 0.3676



54.0531, 0.2711, 0.3181

Complementary

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



54.0531, 0.3206, 0.3015



63.7910, 0.3057, 0.3582

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.



54.0531, 0.2834, 0.3398



54.0531, 0.3206, 0.3015



54.0531, 0.3269, 0.3693

Square

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



54.0531, 0.3206, 0.3015



54.0531, 0.3578, 0.3555



54.0531, 0.3037, 0.3590



54.0531, 0.2695, 0.3005

Rectangle

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



54.0531, 0.3206, 0.3015



54.0531, 0.3528, 0.3307



54.0531, 0.3037, 0.3590



54.0531, 0.2741, 0.3252

Sweetspot

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



54.0555, 0.3206, 0.3015



93.5014, 0.3147, 0.3217



50.9752, 0.2948, 0.2905



19.7598, 0.3151, 0.3203



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.



54.0555, 0.3206, 0.3015



73.4160, 0.3227, 0.2949



53.3242, 0.3330, 0.3191



13.2166, 0.3175, 0.3116



10.5482, 0.3955, 0.1952



0.6968, 0.3807, 0.1871

Inverse Universe

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



54.0555, 0.3206, 0.3015



73.4160, 0.3227, 0.2949



64.5195, 0.2957, 0.3391



13.2166, 0.3175, 0.3116



10.5482, 0.3955, 0.1952



0.6968, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 54.0531, 0.3206, 0.3015 looks on a white background.

Color Contrast Check

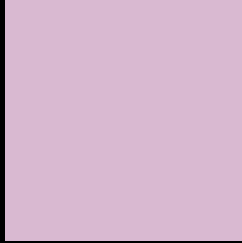
Large Text (above 18pt) WCAG AA × Fail

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 54.0531, 0.3206, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

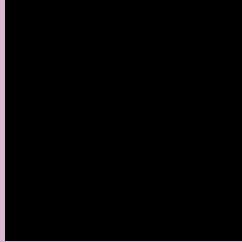
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0531, 0.3206, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 54.0531, 0.3206, 0.3015.



This preview shows how white text looks on a background with the Yxy color 54.0531, 0.3206, 0.3015.

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

54.0531, 0.3206, 0.3015

Protanopia

54.2014, 0.2967, 0.3038

Deuteranopia

54.2147, 0.3129, 0.3067



Tritanopia

53.9338, 0.3260, 0.3117

Trichromacy



Original Color

54.0531, 0.3206, 0.3015

Protanomaly

53.9979, 0.3051, 0.3030

Deuteranomaly

54.3694, 0.3163, 0.3058

Tritanomaly

54.0764, 0.3237, 0.3083

Monochromacy



Original Color

54.0531, 0.3206, 0.3015

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1943, 0.3156, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0531, 0.3206, 0.3015 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(217, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 185, 209) }
```

Border

The CSS property to change the border of an element to Yxy 54.0531, 0.3206, 0.3015 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(217, 185, 209) }
```

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

```
.border{ border-color:rgb(217, 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(217, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 185,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0531, 0.3206, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 185, 209) }
```

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

```
.background{ background-color: rgb(217,  
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](#).

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