

Converting Colors

Yxy(54.2121, 0.3188, 0.3048)

Have a look what the booklet for
Yxy(54.2121, 0.3188, 0.3048)
contains.

Yxy(54.3909, 0.3188, 0.3048)	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(54.3909, 0.3188, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	D6BBD0
RGB	214, 187, 208
RGB Percent	84%, 73%, 82%
CMY	0.1607, 0.2667, 0.1844
CMYK	0.00, 0.13, 0.03, 0.16
HSL	313°, 25%, 79%
HSV	313°, 13%, 84%
XYZ	56.8892, 54.3909, 67.1678
YIQ	197.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

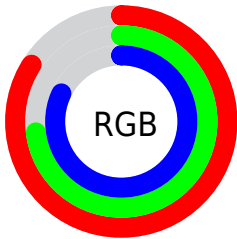
Format	Color
R_{YB}	214, 187, 208
Decimal	14072784
CIE _{Lab}	78.69, 13.23, -7.00
CIE _{LCh}	79, 14.967, 332.129
Yxy	54.3909, 0.3188, 0.3048
Android (android.graphics.Color)	4292262864 (0xFFD6BBD0)
YUV	197.4670, 5.1928, 14.4994
Hunter-Lab	73.7502, 8.6279, -2.3731

Details

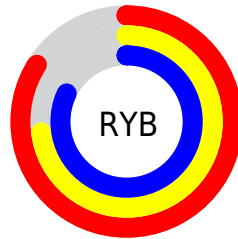
The Yxy color $54.3909, 0.3188, 0.3048$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.5175, 0.3072, 0.3545$, and the grayscale version is $56.0975, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $26.7542, 0.3197, 0.2985$ is the 20% darker color. If you saturate the color by 10%, you get $45.7478, 0.3245, 0.2849$, and if you desaturate by 10%, it is $64.3990, 0.3139, 0.3241$.

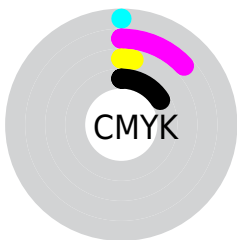
Distribution



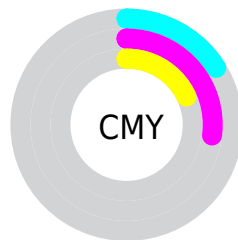
- Red (84%)
- Green (73%)
- Blue (82%)



- Red (84%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (16%)




- Cyan (16%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3909, 0.3188, 0.3048 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 54.3909, 0.3188, 0.3048 by changing the saturation by 10% instead.


 54.3909, 0.3188,
0.3048

 54.3909, 0.3188,
0.3048


403.5989, 0.3159,
0.3164

 38.9143, 0.3195,
0.3021


 96.6480, 0.3178,
0.3089

 26.6930, 0.3203,
0.2986


124.1972, 0.3174,
0.3105

 17.3428, 0.3213,
0.2942


156.5394, 0.3171,
0.3118

 10.4792, 0.3227,
0.2882

194.0589, 0.3168,
0.3130

 5.7178, 0.3247,
0.2799

237.1403, 0.3165,
0.3140

 2.6743, 0.3275,
0.2672

286.1678, 0.3163,

 0.9641, 0.3319,

0.3149

0.2457

341.5259, 0.3161,
0.3157

0.0000, 0.3585,
0.0000

0.0000, 0.0000,
0.0000

54.3909, 0.3188,
0.3048

54.3909, 0.3188,
0.3048

45.7478, 0.3245,
0.2849

64.3990, 0.3139,
0.3241

38.4028, 0.3310,
0.2649

75.8211, 0.3097,
0.3424

32.2942, 0.3383,
0.2455

88.7122, 0.3061,
0.3596

27.3524, 0.3463,
0.2277

91.3692, 0.3034,
0.3583

■ 23.5008, 0.3549,
0.2124

■ 91.6366, 0.3007,
0.3531

■ 20.6535, 0.3638,
0.2006

■ 91.9114, 0.2981,
0.3481

■ 18.7121, 0.3727,
0.1932

■ 92.1935, 0.2955,
0.3430

■ 17.5577, 0.3814,
0.1905

■ 92.4832, 0.2930,
0.3380

■ 17.0621, 0.3876,
0.1909

■ 92.7804, 0.2904,
0.3331

Harmonies

Analogous

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



54.3909, 0.2989, 0.2968



54.3909, 0.3188, 0.3048



54.3909, 0.3376, 0.3188

Triad

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



54.3909, 0.3188, 0.3048



54.3909, 0.3426, 0.3620



54.3909, 0.2771, 0.3204

Complementary

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



54.3909, 0.3188, 0.3048



62.5175, 0.3072, 0.3545

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.



54.3909, 0.2881, 0.3390



54.3909, 0.3188, 0.3048



54.3909, 0.3258, 0.3636

Square

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



54.3909, 0.3188, 0.3048



54.3909, 0.3515, 0.3515



54.3909, 0.3058, 0.3551



54.3909, 0.2753, 0.3051

Rectangle

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



54.3909, 0.3188, 0.3048



54.3909, 0.3467, 0.3300



54.3909, 0.3058, 0.3551



54.3909, 0.2798, 0.3265

Sweetspot

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



54.3933, 0.3188, 0.3048



93.5182, 0.3145, 0.3214



51.7153, 0.2973, 0.2964



19.7640, 0.3149, 0.3200



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.



54.3933, 0.3188, 0.3048



77.4396, 0.3202, 0.2998



53.7642, 0.3293, 0.3201



12.5831, 0.3171, 0.3111



10.3275, 0.3864, 0.1902



0.6349, 0.3728, 0.1828

Inverse Universe

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



54.3933, 0.3188, 0.3048



77.4396, 0.3202, 0.2998



63.1399, 0.2984, 0.3381



12.5831, 0.3171, 0.3111



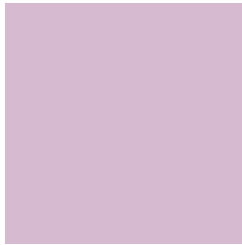
10.3275, 0.3864, 0.1902



0.6349, 0.3728, 0.1828

Previews

White Background



This preview shows how the Yxy color 54.3909, 0.3188, 0.3048 looks on a white background.

Color Contrast Check

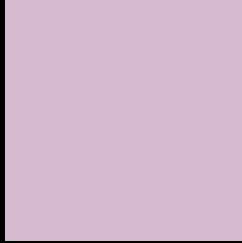
Large Text (above 18pt) WCAG AA × Fail

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 54.3909, 0.3188, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

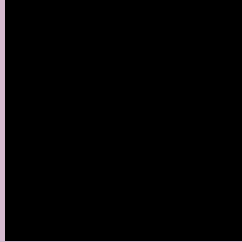
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3909, 0.3188, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 54.3909, 0.3188, 0.3048.



This preview shows how white text looks on a background with the Yxy color 54.3909, 0.3188, 0.3048.

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

54.3909, 0.3188, 0.3048

Protanopia

54.6745, 0.2989, 0.3074

Deuteranopia

54.3592, 0.3138, 0.3068



Tritanopia

54.4244, 0.3218, 0.3116

Trichromacy



Original Color

54.3909, 0.3188, 0.3048

Protanomaly

54.3823, 0.3059, 0.3053

Deuteranomaly

54.2221, 0.3154, 0.3057

Tritanomaly

54.5204, 0.3202, 0.3093

Monochromacy



Original Color

54.3909, 0.3188, 0.3048

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0535, 0.3148, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3909, 0.3188, 0.3048 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(214, 187, 208)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 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(214, 187, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.3909, 0.3188, 0.3048 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(214, 187, 208) }
```

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

```
.border{ border-color:rgb(214, 187, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3909, 0.3188, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 208) }
```

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

```
.background{ background-color: rgb(214,  
187, 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](#).

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