

Converting Colors

Yxy(54.6689, 0.3139, 0.2916)

Have a look what the booklet for
Yxy(54.6689, 0.3139, 0.2916)
contains.

Yxy(54.6653, 0.3145, 0.2918)	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(54.6653, 0.3145, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	DAB9DA
RGB	218, 185, 218
RGB Percent	85%, 73%, 85%
CMY	0.1450, 0.2745, 0.1452
CMYK	0.00, 0.15, 0.00, 0.15
HSL	300°, 31%, 79%
HSV	300°, 15%, 85%
XYZ	58.9179, 54.6653, 73.7551
YIQ	198.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

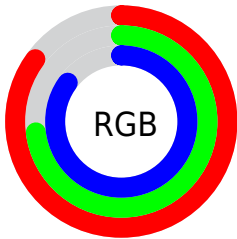
Format	Color
R _Y B	218, 185, 218
Decimal	14334426
CIE Lab	78.85, 17.50, -12.12
CIE LCh	79, 21.281, 325.298
Yxy	54.6653, 0.3145, 0.2918
Android (android.graphics.Color)	4292524506 (0xFFDAB9DA)
YUV	198.6290, 9.5499, 16.9884
Hunter-Lab	73.9360, 12.8545, -7.3897

Details

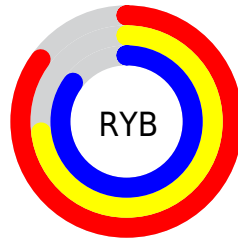
The Yxy color $54.6653, 0.3145, 0.2918$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $63.9718, 0.3108, 0.3692$, and the grayscale version is $56.8130, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $26.9334, 0.3149, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $46.2328, 0.3157, 0.2668$, and if you desaturate by 10%, it is $64.5012, 0.3133, 0.3166$.

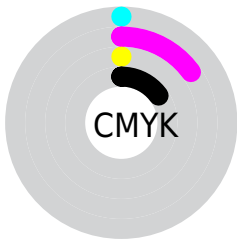
Distribution



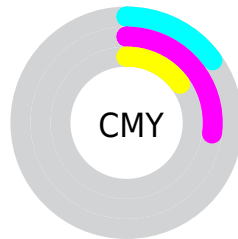
- Red (85%)
- Green (73%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6653, 0.3145, 0.2918 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 54.6653, 0.3145, 0.2918 by changing the saturation by 10% instead.


 54.6653, 0.3145,
0.2918

 54.6653, 0.3145,
0.2918


404.6419, 0.3139,
0.3094

 39.1338, 0.3146,
0.2877

 97.0504, 0.3143,
0.2980

 26.8638, 0.3147,
0.2826


124.6728, 0.3142,
0.3003

 17.4710, 0.3148,
0.2760


157.0943, 0.3142,
0.3024

 10.5709, 0.3148,
0.2673

194.6993, 0.3141,
0.3042

 5.7791, 0.3146,
0.2553

237.8721, 0.3140,
0.3057

 2.7112, 0.3140,
0.2374

286.9973, 0.3140,

 0.9829, 0.3121,

0.3071

0.2086

342.4591, 0.3139,
0.3083

0.0000, 0.3016,
0.0000

0.0000, 0.0000,
0.0000

54.6653, 0.3145,
0.2918

54.6653, 0.3145,
0.2918

46.2328, 0.3157,
0.2668

64.5012, 0.3133,
0.3166

39.1330, 0.3169,
0.2425

75.7929, 0.3122,
0.3405

33.3000, 0.3180,
0.2196

88.5987, 0.3111,
0.3632

28.6592, 0.3190,
0.1992

91.4952, 0.3109,
0.3677

■ 25.1285, 0.3198,
0.1821

■ 91.4969, 0.3108,
0.3677

■ 22.6151, 0.3205,
0.1691

■ 91.4985, 0.3108,
0.3676

■ 21.0114, 0.3209,
0.1603

■ 91.5002, 0.3108,
0.3676

■ 20.1856, 0.3212,
0.1557

■ 91.5018, 0.3108,
0.3676

■ 19.9548, 0.3213,
0.1544

■ 91.5035, 0.3108,
0.3675

Harmonies

Analogous

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



54.6653, 0.2872, 0.2828



54.6653, 0.3145, 0.2918



54.6653, 0.3425, 0.3096

Triad

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



54.6653, 0.3145, 0.2918



54.6653, 0.3592, 0.3731



54.6653, 0.2650, 0.3222

Complementary

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



54.6653, 0.3145, 0.2918



63.9718, 0.3108, 0.3692

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.



54.6653, 0.2828, 0.3491



54.6653, 0.3145, 0.2918



54.6653, 0.3370, 0.3793

Square

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



54.6653, 0.3145, 0.2918



54.6653, 0.3688, 0.3555



54.6653, 0.3090, 0.3707



54.6653, 0.2596, 0.2989

Rectangle

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



54.6653, 0.3145, 0.2918



54.6653, 0.3573, 0.3245



54.6653, 0.3090, 0.3707



54.6653, 0.2697, 0.3312

Sweetspot

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



54.6677, 0.3145, 0.2918



92.1320, 0.3133, 0.3168



50.0765, 0.2883, 0.2887



19.4925, 0.3134, 0.3151



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.



54.6677, 0.3145, 0.2918



74.1258, 0.3149, 0.2843



53.8483, 0.3274, 0.3100



13.2745, 0.3138, 0.3060



11.9529, 0.3213, 0.1544



0.7745, 0.3212, 0.1543

Inverse Universe

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



54.6677, 0.3145, 0.2918



74.1258, 0.3149, 0.2843



64.7080, 0.3002, 0.3488



13.2745, 0.3138, 0.3060



11.9529, 0.3213, 0.1544



0.7745, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 54.6653, 0.3145, 0.2918 looks on a white background.

Color Contrast Check

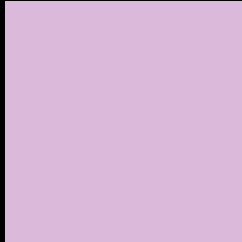
Large Text (above 18pt) WCAG AA × Fail

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 54.6653, 0.3145, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

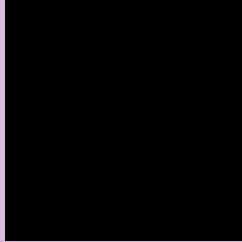
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6653, 0.3145, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 54.6653, 0.3145, 0.2918.



This preview shows how white text looks on a background with the Yxy color 54.6653, 0.3145, 0.2918.

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

54.6653, 0.3145, 0.2918

Protanopia

54.9125, 0.2884, 0.2934

Deuteranopia

54.6740, 0.3039, 0.2975



Tritanopia

54.8296, 0.3250, 0.3129

Trichromacy



Original Color

54.6653, 0.3145, 0.2918

Protanomaly

54.8149, 0.2972, 0.2928

Deuteranomaly

54.5315, 0.3079, 0.2955

Tritanomaly

54.8464, 0.3212, 0.3050

Monochromacy



Original Color

54.6653, 0.3145, 0.2918

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1616, 0.3134, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6653, 0.3145, 0.2918 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(218, 185, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 185, 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(218, 185, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 185, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.6653, 0.3145, 0.2918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

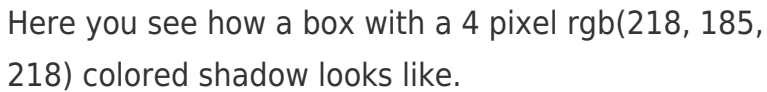
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 185, 218) }
```

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

```
.border{ border-color:rgb(218, 185, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 185, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 185, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 185, 218); box-shadow:4px 4px 4px 4px rgb(218, 185, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6653, 0.3145, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 185, 218) }
```

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

```
.background{ background-color: rgb(218,  
185, 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](#).

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