

Converting Colors

Yxy(53.7461, 0.3148, 0.2834)

Have a look what the booklet for
Yxy(53.7461, 0.3148, 0.2834)
contains.

Yxy(53.8513, 0.3149, 0.2834)	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(53.8513, 0.3149, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	DEB5DE
RGB	222, 181, 222
RGB Percent	87%, 71%, 87%
CMY	0.1293, 0.2902, 0.1295
CMYK	0.00, 0.18, 0.00, 0.13
HSL	300°, 38%, 79%
HSV	300°, 18%, 87%
XYZ	59.8369, 53.8513, 76.3305
YIQ	197.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

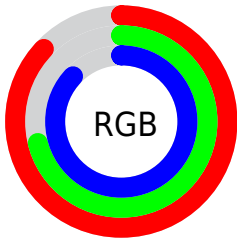
Format	Color
R _Y B	222, 181, 222
Decimal	14595550
CIE Lab	78.37, 21.74, -14.95
CIE LCh	78, 26.386, 325.481
Yxy	53.8513, 0.3149, 0.2834
Android (android.graphics.Color)	4292785630 (0xFFDEB5DE)
YUV	197.9330, 11.8650, 21.1068
Hunter-Lab	73.3834, 17.1279, -10.3027

Details

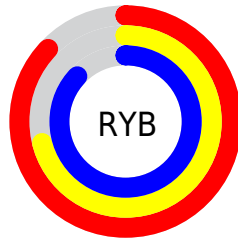
The Yxy color $53.8513, 0.3149, 0.2834$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $65.4205, 0.3103, 0.3792$, and the grayscale version is $56.3529, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $26.4439, 0.3154, 0.2723$ is the 20% darker color. If you saturate the color by 10%, you get $45.5310, 0.3161, 0.2585$, and if you desaturate by 10%, it is $63.6151, 0.3137, 0.3083$.

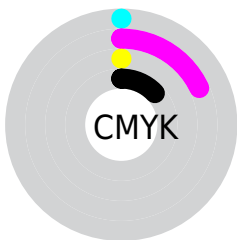
Distribution



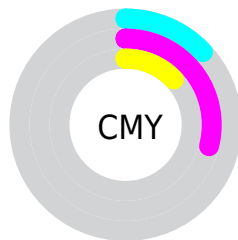
- Red (87%)
- Green (71%)
- Blue (87%)



- Red (87%)
- Yellow (71%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8513, 0.3149, 0.2834 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 53.8513, 0.3149, 0.2834 by changing the saturation by 10% instead.


 53.8513, 0.3149,
0.2834

 53.8513, 0.3149,
0.2834

401.5427, 0.3142,
0.3048

 38.4828, 0.3150,
0.2784

 95.8559, 0.3147,
0.2909

 26.3576, 0.3151,
0.2722


123.2607, 0.3146,
0.2938

 17.0914, 0.3151,
0.2644


155.4465, 0.3145,
0.2963

 10.2997, 0.3150,
0.2540

192.7976, 0.3144,
0.2984

 5.5981, 0.3146,
0.2396

235.6983, 0.3144,
0.3003

 2.6023, 0.3135,
0.2187

284.5332, 0.3143,

 0.9278, 0.3103,

0.3020

0.1857

339.6865, 0.3142,
0.3035

0.0000, 0.2975,
0.0000

0.0000, 0.0000,
0.0000

53.8513, 0.3149,
0.2834

53.8513, 0.3149,
0.2834

45.5310, 0.3161,
0.2585

63.6151, 0.3137,
0.3083

38.5792, 0.3173,
0.2345

74.8789, 0.3125,
0.3326

32.9247, 0.3183,
0.2123

87.7047, 0.3114,
0.3558

28.4872, 0.3193,
0.1929

92.3334, 0.3111,
0.3632

■ 25.1773, 0.3201,
0.1772

■ 92.3350, 0.3111,
0.3631

■ 22.8935, 0.3206,
0.1656

■ 92.3365, 0.3110,
0.3631

■ 21.5162, 0.3210,
0.1583

■ 92.3381, 0.3110,
0.3631

■ 20.8678, 0.3212,
0.1547

■ 92.3397, 0.3110,
0.3630

■ 20.7943, 0.3213,
0.1543

■ 92.3412, 0.3110,
0.3630

Harmonies

Analogous

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



53.8513, 0.2811, 0.2723



53.8513, 0.3149, 0.2834



53.8513, 0.3499, 0.3051

Triad

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



53.8513, 0.3149, 0.2834



53.8513, 0.3703, 0.3836



53.8513, 0.2537, 0.3199

Complementary

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



53.8513, 0.3149, 0.2834



65.4205, 0.3103, 0.3792

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.



53.8513, 0.2753, 0.3539



53.8513, 0.3149, 0.2834



53.8513, 0.3423, 0.3921

Square

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



53.8513, 0.3149, 0.2834



53.8513, 0.3828, 0.3614



53.8513, 0.3075, 0.3815



53.8513, 0.2473, 0.2911

Rectangle

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



53.8513, 0.3149, 0.2834



53.8513, 0.3685, 0.3233



53.8513, 0.3075, 0.3815



53.8513, 0.2594, 0.3312

Sweetspot

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



53.8536, 0.3149, 0.2834



90.6224, 0.3134, 0.3143



48.1455, 0.2823, 0.2787



19.1883, 0.3135, 0.3127



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.



53.8536, 0.3149, 0.2834



69.2761, 0.3153, 0.2742



52.8222, 0.3313, 0.3056



13.9353, 0.3138, 0.3059



12.3477, 0.3212, 0.1543



0.8560, 0.3212, 0.1543

Inverse Universe

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



53.8536, 0.3149, 0.2834



69.2761, 0.3153, 0.2742



66.3235, 0.2975, 0.3536



13.9353, 0.3138, 0.3059



12.3477, 0.3212, 0.1543



0.8560, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 53.8513, 0.3149, 0.2834 looks on a white background.

Color Contrast Check

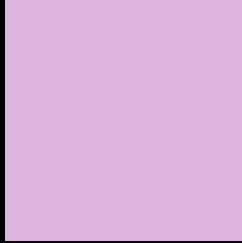
Large Text (above 18pt) WCAG AA × Fail

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 53.8513, 0.3149, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

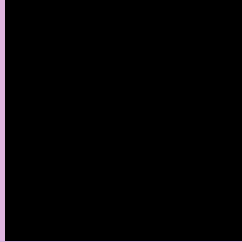
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8513, 0.3149, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 53.8513, 0.3149, 0.2834.



This preview shows how white text looks on a background with the Yxy color 53.8513, 0.3149, 0.2834.

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

53.8513, 0.3149, 0.2834

Protanopia

53.9772, 0.2822, 0.2840

Deuteranopia

53.9800, 0.2994, 0.2927



Tritanopia

53.8815, 0.3303, 0.3129

Trichromacy



Original Color

53.8513, 0.3149, 0.2834

Protanomaly

53.7919, 0.2936, 0.2837

Deuteranomaly

53.8936, 0.3049, 0.2888

Tritanomaly

54.0016, 0.3248, 0.3028

Monochromacy



Original Color

53.8513, 0.3149, 0.2834

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4697, 0.3135, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8513, 0.3149, 0.2834 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(222, 181, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 222)  
}
```

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(222, 181, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.8513, 0.3149, 0.2834 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(222, 181, 222) }
```

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

```
.border{ border-color:rgb(222, 181, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 181, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8513, 0.3149, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 222) }
```

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

```
.background{ background-color: rgb(222,  
181, 222) }
```

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