

Converting Colors

Yxy(56.4830, 0.3148, 0.2956)

Have a look what the booklet for
Yxy(56.4830, 0.3148, 0.2956)
contains.

Yxy(56.5697, 0.3143, 0.2954)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.5697, 0.3143, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDDB
RGB	219, 189, 219
RGB Percent	86%, 74%, 86%
CMY	0.1413, 0.2588, 0.1413
CMYK	0.00, 0.14, 0.00, 0.14
HSL	300°, 29%, 80%
HSV	300°, 14%, 86%
XYZ	60.1891, 56.5697, 74.7432
YIQ	201.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

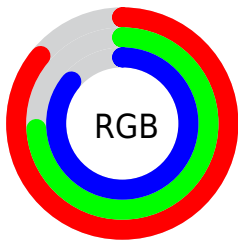
Format	Color
R _Y B	219, 189, 219
Decimal	14400987
CIE Lab	79.94, 15.85, -11.02
CIE LCh	80, 19.301, 325.186
Yxy	56.5697, 0.3143, 0.2954
Android (android.graphics.Color)	4292591067 (0xFFDDBBDD)
YUV	201.3900, 8.6817, 15.4440
Hunter-Lab	75.2128, 11.2222, -6.2708

Details

The Yxy color $56.5697, 0.3143, 0.2954$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $65.1487, 0.3110, 0.3651$, and the grayscale version is $58.6039, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $28.1812, 0.3147, 0.2878$ is the 20% darker color. If you saturate the color by 10%, you get $47.8504, 0.3155, 0.2704$, and if you desaturate by 10%, it is $66.7163, 0.3131, 0.3201$.

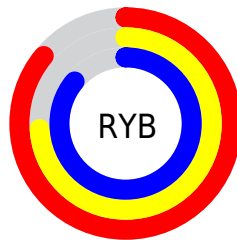
Distribution



Red (86%)

Green (74%)

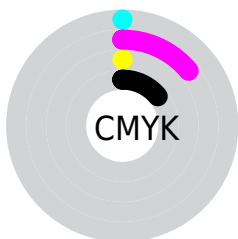
Blue (86%)



Red (86%)

Yellow (74%)

Blue (86%)

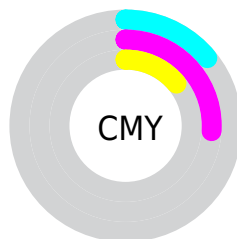


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (26%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5697, 0.3143, 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 56.5697, 0.3143, 0.2954 by changing the saturation by 10% instead.


 56.5697, 0.3143,
0.2954

 56.5697, 0.3143,
0.2954


411.8350, 0.3137,
0.3112

 40.6599, 0.3144,
0.2917


 99.8371, 0.3141,
0.3010

 28.0534, 0.3145,
0.2871


127.9634, 0.3141,
0.3031

 18.3659, 0.3146,
0.2812

160.9306, 0.3140,
0.3049

 11.2130, 0.3146,
0.2735

199.1232, 0.3139,
0.3065

 6.2103, 0.3145,
0.2627

242.9256, 0.3139,
0.3079

 2.9734, 0.3142,
0.2468

292.7220, 0.3138,

 1.1178, 0.3128,

0.3092

0.2211

348.8970, 0.3138,
0.3103

0.0000, 0.3326,
0.0000

0.0000, 0.0000,
0.0000

56.5697, 0.3143,
0.2954

56.5697, 0.3143,
0.2954

47.8504, 0.3155,
0.2704

66.7163, 0.3131,
0.3201

40.4874, 0.3166,
0.2458

78.3423, 0.3120,
0.3439

34.4148, 0.3177,
0.2227

91.5063, 0.3110,
0.3664

29.5584, 0.3187,
0.2018

91.6913, 0.3109,
0.3667

■ 25.8363, 0.3196,
0.1842

■ 91.6917, 0.3109,
0.3667

■ 23.1565, 0.3202,
0.1705

■ 91.6920, 0.3109,
0.3667

■ 21.4128, 0.3207,
0.1612

■ 91.6924, 0.3109,
0.3667

■ 20.4765, 0.3209,
0.1559

■ 91.6928, 0.3109,
0.3666

■ 20.1667, 0.3210,
0.1542

■ 91.6931, 0.3109,
0.3666

Harmonies

Analogous

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



56.5697, 0.2897, 0.2874



56.5697, 0.3143, 0.2954



56.5697, 0.3393, 0.3115

Triad

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



56.5697, 0.3143, 0.2954



56.5697, 0.3545, 0.3686



56.5697, 0.2699, 0.3232

Complementary

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



56.5697, 0.3143, 0.2954



65.1487, 0.3110, 0.3651

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.



56.5697, 0.2860, 0.3471



56.5697, 0.3143, 0.2954



56.5697, 0.3347, 0.3740

Square

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



56.5697, 0.3143, 0.2954



56.5697, 0.3630, 0.3529



56.5697, 0.3096, 0.3662



56.5697, 0.2649, 0.3022

Rectangle

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



56.5697, 0.3143, 0.2954



56.5697, 0.3526, 0.3250



56.5697, 0.3096, 0.3662



56.5697, 0.2741, 0.3312

Sweetspot

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



56.5722, 0.3143, 0.2954



93.6637, 0.3132, 0.3193



52.3366, 0.2909, 0.2929



19.8010, 0.3133, 0.3174



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.



56.5722, 0.3143, 0.2954



76.6736, 0.3146, 0.2893



55.8188, 0.3258, 0.3119



13.2748, 0.3138, 0.3060



11.9604, 0.3210, 0.1542



0.7749, 0.3210, 0.1542

Inverse Universe

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



56.5722, 0.3143, 0.2954



76.6736, 0.3146, 0.2893



65.8330, 0.3013, 0.3467



13.2748, 0.3138, 0.3060



11.9604, 0.3210, 0.1542



0.7749, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 56.5697, 0.3143, 0.2954 looks on a white background.

Color Contrast Check

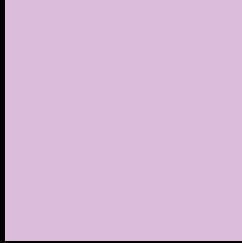
Large Text (above 18pt) WCAG AA × Fail

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 56.5697, 0.3143, 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 56.5697, 0.3143, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 56.5697, 0.3143, 0.2954.



This preview shows how white text looks on a background with the Yxy color 56.5697, 0.3143, 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

56.5697, 0.3143, 0.2954

Protanopia

56.7837, 0.2915, 0.2973

Deuteranopia

56.6118, 0.3062, 0.3002



Tritanopia

56.4695, 0.3225, 0.3119

Trichromacy



Original Color

56.5697, 0.3143, 0.2954

Protanomaly

56.5540, 0.2995, 0.2966

Deuteranomaly

56.7583, 0.3094, 0.2993

Tritanomaly

56.4355, 0.3195, 0.3052

Monochromacy



Original Color

56.5697, 0.3143, 0.2954

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8965, 0.3133, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5697, 0.3143, 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(219, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 219)  
}
```

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(219, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 219) }
```

Border

The CSS property to change the border of an element to Yxy 56.5697, 0.3143, 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(219, 189, 219) }
```

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

```
.border{ border-color:rgb(219, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5697, 0.3143, 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(219, 189, 219) }
```

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

```
.background{ background-color: rgb(219,  
189, 219) }
```

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