

Converting Colors

$Yxy(56.5155, 0.3151, 0.2964)$

Have a look what the booklet for
Yxy(56.5155, 0.3151, 0.2964)
contains.

Yxy(56.5172, 0.3150, 0.2964)	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(56.5172, 0.3150, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDDA
RGB	219, 189, 218
RGB Percent	86%, 74%, 85%
CMY	0.1413, 0.2588, 0.1450
CMYK	0.00, 0.14, 0.00, 0.14
HSL	302°, 29%, 80%
HSV	302°, 14%, 86%
XYZ	60.0638, 56.5172, 74.0978
YIQ	201.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

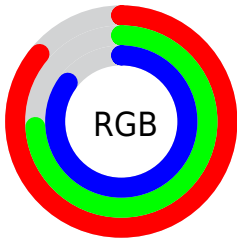
Format	Color
R _{YB}	219, 189, 218
Decimal	14400986
CIE Lab	79.91, 15.68, -10.56
CIE LCh	80, 18.902, 326.032
Yxy	56.5172, 0.3150, 0.2964
Android (android.graphics.Color)	4292591066 (0xFFDDBDDA)
YUV	201.2760, 8.2449, 15.5439
Hunter-Lab	75.1779, 11.0522, -5.8136

Details

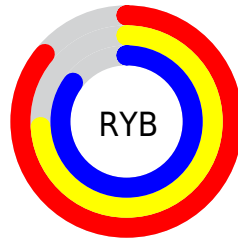
The Yxy color $56.5172, 0.3150, 0.2964$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $65.1856, 0.3104, 0.3639$, and the grayscale version is $58.5335, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $28.1452, 0.3157, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $47.7630, 0.3168, 0.2721$, and if you desaturate by 10%, it is $66.6987, 0.3133, 0.3204$.

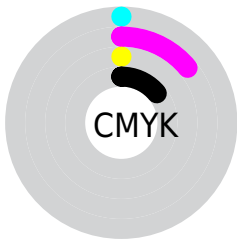
Distribution



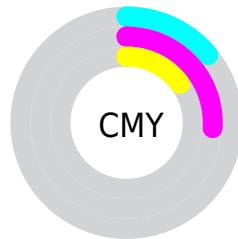
- Red (86%)
- Green (74%)
- Blue (85%)



- Red (86%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5172, 0.3150, 0.2964 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 56.5172, 0.3150, 0.2964 by changing the saturation by 10% instead.


 56.5172, 0.3150,
0.2964

 56.5172, 0.3150,
0.2964


411.6377, 0.3141,
0.3118

 40.6177, 0.3152,
0.2928


 99.7604, 0.3147,
0.3018

 28.0205, 0.3154,
0.2883


127.8729, 0.3146,
0.3039

 18.3411, 0.3156,
0.2826


160.8252, 0.3145,
0.3057

 11.1952, 0.3158,
0.2751

199.0017, 0.3144,
0.3072

 6.1983, 0.3161,
0.2645

242.7868, 0.3143,
0.3086

 2.9660, 0.3161,
0.2490

292.5649, 0.3142,

 1.1140, 0.3155,

0.3098

0.2238

348.7204, 0.3141,
0.3108

0.0000, 0.3390,
0.0000

0.0000, 0.0000,
0.0000

56.5172, 0.3150,
0.2964

56.5172, 0.3150,
0.2964

47.7630, 0.3168,
0.2721

66.6987, 0.3133,
0.3204

40.3652, 0.3187,
0.2481

78.3597, 0.3117,
0.3434

34.2580, 0.3206,
0.2254

91.5588, 0.3103,
0.3652

29.3669, 0.3224,
0.2049

91.7849, 0.3099,
0.3648

■ 25.6102, 0.3242,
0.1876

■ 91.8214, 0.3095,
0.3640

■ 22.8959, 0.3258,
0.1742

■ 91.8581, 0.3092,
0.3633

■ 21.1179, 0.3272,
0.1650

■ 91.8950, 0.3088,
0.3626

■ 20.1473, 0.3283,
0.1601

■ 91.9320, 0.3084,
0.3618

■ 19.8159, 0.3290,
0.1586

■ 91.9691, 0.3080,
0.3611

Harmonies

Analogous

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



56.5172, 0.2908, 0.2883



56.5172, 0.3150, 0.2964



56.5172, 0.3394, 0.3124

Triad

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



56.5172, 0.3150, 0.2964



56.5172, 0.3532, 0.3681



56.5172, 0.2704, 0.3227

Complementary

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



56.5172, 0.3150, 0.2964



65.1856, 0.3104, 0.3639

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.



56.5172, 0.2860, 0.3461



56.5172, 0.3150, 0.2964



56.5172, 0.3336, 0.3730

Square

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



56.5172, 0.3150, 0.2964



56.5172, 0.3619, 0.3530



56.5172, 0.3089, 0.3650



56.5172, 0.2658, 0.3023

Rectangle

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



56.5172, 0.3150, 0.2964



56.5172, 0.3522, 0.3257



56.5172, 0.3089, 0.3650



56.5172, 0.2745, 0.3305

Sweetspot

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



56.5197, 0.3150, 0.2964



93.6433, 0.3134, 0.3196



52.3968, 0.2913, 0.2929



19.7958, 0.3135, 0.3178



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.



56.5197, 0.3150, 0.2964



76.5925, 0.3154, 0.2904



55.7911, 0.3262, 0.3125



13.2674, 0.3143, 0.3067



11.7561, 0.3288, 0.1585



0.7639, 0.3275, 0.1578

Inverse Universe

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



56.5197, 0.3150, 0.2964



76.5925, 0.3154, 0.2904



65.8534, 0.3010, 0.3461



13.2674, 0.3143, 0.3067



11.7561, 0.3288, 0.1585



0.7639, 0.3275, 0.1578

Previews

White Background



This preview shows how the Yxy color 56.5172, 0.3150, 0.2964 looks on a white background.

Color Contrast Check

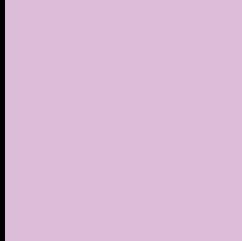
Large Text (above 18pt) WCAG AA × Fail

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 56.5172, 0.3150, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

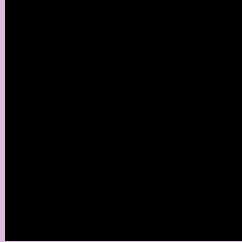
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5172, 0.3150, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 56.5172, 0.3150, 0.2964.



This preview shows how white text looks on a background with the Yxy color 56.5172, 0.3150, 0.2964.

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

56.5172, 0.3150, 0.2964

Protanopia

56.7296, 0.2921, 0.2984

Deuteranopia

56.7050, 0.3077, 0.3014



Tritanopia

56.4695, 0.3225, 0.3119

Trichromacy



Original Color

56.5172, 0.3150, 0.2964

Protanomaly

56.5005, 0.3002, 0.2977

Deuteranomaly

56.8552, 0.3109, 0.3005

Tritanomaly

56.3855, 0.3203, 0.3063

Monochromacy



Original Color

56.5172, 0.3150, 0.2964

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8474, 0.3140, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5172, 0.3150, 0.2964 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 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(219, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 218) }
```

Border

The CSS property to change the border of an element to Yxy 56.5172, 0.3150, 0.2964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

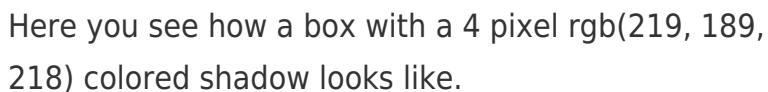
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 189, 218) }
```

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

```
.border{ border-color:rgb(219, 189, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 189, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 189, 218); box-shadow:4px 4px 4px 4px rgb(219, 189, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5172, 0.3150, 0.2964 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, 218) }
```

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

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