

Converting Colors

$Y_{xy}(43.1955, 0.3267, 0.2631)$

Have a look what the booklet for
Yxy(43.1955, 0.3267, 0.2631)
contains.

Yxy(43.1736, 0.3269, 0.2634)	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(43.1736, 0.3269, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	DF99D3
RGB	223, 153, 211
RGB Percent	87%, 60%, 83%
CMY	0.1255, 0.4000, 0.1724
CMYK	0.00, 0.31, 0.05, 0.13
HSL	310°, 52%, 74%
HSV	310°, 31%, 87%
XYZ	53.5818, 43.1736, 67.1535
YIQ	180.5420, 23.1020, 32.8780

Conversions

Conversions Part 2

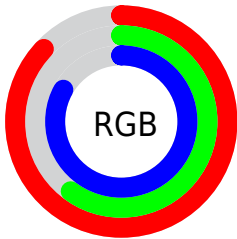
Format	Color
R_{YB}	223, 153, 211
Decimal	14653907
CIE _{Lab}	71.67, 35.14, -19.08
CIE _{LCh}	72, 39.991, 331.500
Yxy	43.1736, 0.3269, 0.2634
Android (android.graphics.Color)	4292843987 (0xFFDF99D3)
YUV	180.5420, 15.0158, 37.2357
Hunter-Lab	65.7066, 30.5749, -14.6009

Details

The Yxy color **43.1736, 0.3269, 0.2634** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.2616, 0.3013, 0.4050**, and the grayscale version is **45.8582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **19.9232, 0.3307, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **36.3560, 0.3326, 0.2428**, and if you desaturate by 10%, it is **51.3636, 0.3218, 0.2846**.

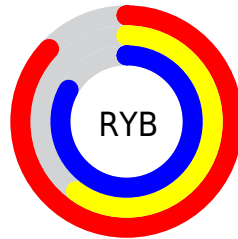
Distribution



Red (87%)

Green (60%)

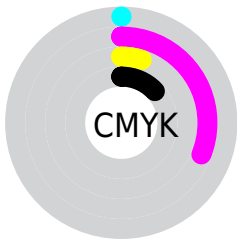
Blue (83%)



Red (87%)

Yellow (60%)

Blue (83%)

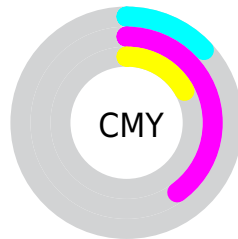


Cyan (0%)

Magenta (31%)

Yellow (5%)

Black (13%)



Cyan (13%)


Magenta (40%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1736, 0.3269, 0.2634 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 43.1736, 0.3269, 0.2634 by changing the saturation by 10% instead.


 43.1736, 0.3269,
0.2634


 43.1736, 0.3269,
0.2634


359.3252, 0.3205,
0.2948

 30.0213, 0.3283,
0.2560


 79.9728, 0.3247,
0.2745

 19.8548, 0.3300,
0.2468

 104.3885, 0.3239,
0.2787

 12.2895, 0.3320,
0.2349


133.3274, 0.3231,
0.2824

 6.9412, 0.3345,
0.2191

167.1741, 0.3225,
0.2855

 3.4253, 0.3375,
0.1973

206.3128, 0.3219,
0.2883

 1.3576, 0.3409,
0.1653

251.1279, 0.3214,

 0.1852, 0.3629,

0.2907

0.0641

302.0040, 0.3209,
0.2928

0.0000, 0.0000,
0.0000

43.1736, 0.3269,
0.2634

43.1736, 0.3269,
0.2634

36.3560, 0.3326,
0.2428

51.3636, 0.3218,
0.2846

30.8288, 0.3388,
0.2238

60.9905, 0.3172,
0.3057

26.5104, 0.3453,
0.2074

72.1217, 0.3132,
0.3262

23.3073, 0.3520,
0.1945

84.8185, 0.3098,
0.3457

21.1123, 0.3586,
0.1858

92.9258, 0.3072,
0.3546

■ 19.7971, 0.3650,
0.1817

■ 93.1426, 0.3050,
0.3506

■ 19.1841, 0.3702,
0.1813

■ 93.3641, 0.3029,
0.3466

■ 93.5903, 0.3008,
0.3427

■ 93.8213, 0.2987,
0.3388

Harmonies

Analogous

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



43.1736, 0.2710, 0.2426



43.1736, 0.3269, 0.2634



43.1736, 0.3835, 0.2984

Triad

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



43.1736, 0.3269, 0.2634



43.1736, 0.3967, 0.4209



43.1736, 0.2155, 0.3011

Complementary

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



43.1736, 0.3269, 0.2634



62.2616, 0.3013, 0.4050

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.



43.1736, 0.2435, 0.3583



43.1736, 0.3269, 0.2634



43.1736, 0.3474, 0.4335

Square

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



43.1736, 0.3269, 0.2634



43.1736, 0.4247, 0.3855



43.1736, 0.2912, 0.4106



43.1736, 0.2112, 0.2596

Rectangle

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



43.1736, 0.3269, 0.2634



43.1736, 0.4115, 0.3266



43.1736, 0.2912, 0.4106



43.1736, 0.2222, 0.3191

Sweetspot

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



43.1755, 0.3269, 0.2634



85.9711, 0.3162, 0.3106



36.0752, 0.2661, 0.2391



17.9503, 0.3168, 0.3075



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.



43.1755, 0.3269, 0.2634



51.9461, 0.3308, 0.2491



41.6190, 0.3602, 0.3016



13.8933, 0.3164, 0.3098



11.2952, 0.3693, 0.1808



0.7937, 0.3606, 0.1760

Inverse Universe

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



43.1755, 0.3269, 0.2634



51.9461, 0.3308, 0.2491



63.7004, 0.2808, 0.3584



13.8933, 0.3164, 0.3098



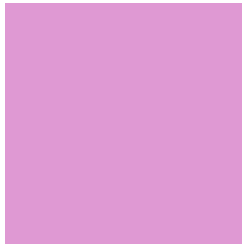
11.2952, 0.3693, 0.1808



0.7937, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 43.1736, 0.3269, 0.2634 looks on a white background.

Color Contrast Check

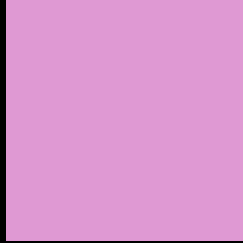
Large Text (above 18pt) WCAG AA × Fail

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 43.1736, 0.3269, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

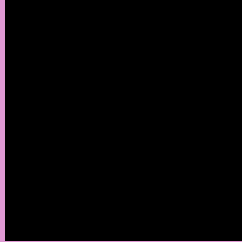
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1736, 0.3269, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 43.1736, 0.3269, 0.2634.



This preview shows how white text looks on a background with the Yxy color 43.1736, 0.3269, 0.2634.

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

43.1736, 0.3269, 0.2634

Protanopia

43.5496, 0.2656, 0.2630

Deuteranopia

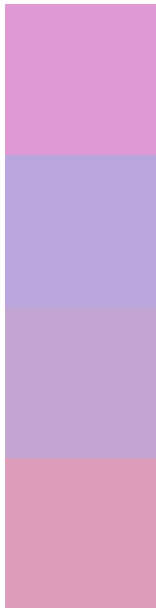
43.5241, 0.2894, 0.2831



Tritanopia

43.0642, 0.3569, 0.3135

Trichromacy



Original Color

43.1736, 0.3269, 0.2634

Protanomaly

42.8072, 0.2852, 0.2615

Deuteranomaly

42.9831, 0.3020, 0.2750

Tritanomaly

42.9174, 0.3460, 0.2938

Monochromacy



Original Color

43.1736, 0.3269, 0.2634

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.6674, 0.3175, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1736, 0.3269, 0.2634 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(223, 153, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 153, 211)  
}
```

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(223, 153, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 153, 211) }
```

Border

The CSS property to change the border of an element to Yxy 43.1736, 0.3269, 0.2634 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(223, 153, 211) }
```

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

```
.border{ border-color:rgb(223, 153, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 153, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 153, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 153, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 153,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1736, 0.3269, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 153, 211) }
```

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

```
.background{ background-color: rgb(223,  
153, 211) }
```

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