

Converting Colors

$Yxy(43.6643, 0.3495, 0.2994)$

Have a look what the booklet for
Yxy(43.6643, 0.3495, 0.2994)
contains.

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Color

Yxy(43.6291, 0.3494, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	DD9FB8
RGB	221, 159, 184
RGB Percent	87%, 62%, 72%
CMY	0.1334, 0.3764, 0.2785
CMYK	0.00, 0.28, 0.17, 0.13
HSL	336°, 48%, 75%
HSV	336°, 28%, 87%
XYZ	50.8642, 43.6291, 51.0826
YIQ	180.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

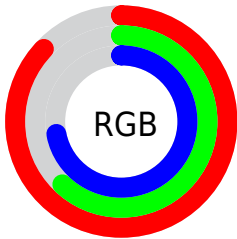
Format	Color
R _Y B	221, 159, 184
Decimal	14524344
CIE Lab	71.98, 26.72, -3.72
CIE LCh	72, 26.973, 352.080
Yxy	43.6291, 0.3494, 0.2997
Android (android.graphics.Color)	4292714424 (0xFFDD9FB8)
YUV	180.3880, 1.7807, 35.6167
Hunter-Lab	66.0523, 21.8640, 0.3838

Details

The Yxy color $43.6291, 0.3494, 0.2997$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.0630, 0.2865, 0.3605$, and the grayscale version is $45.8404, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6444, 0.3248, 0.3033$, and $20.1534, 0.3601, 0.2918$ is the 20% darker color. If you saturate the color by 10%, you get $36.1697, 0.3680, 0.2888$, and if you desaturate by 10%, it is $52.5028, 0.3340, 0.3106$.

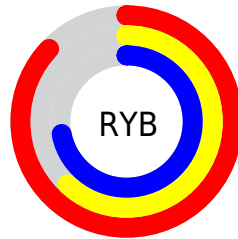
Distribution



Red (87%)

Green (62%)

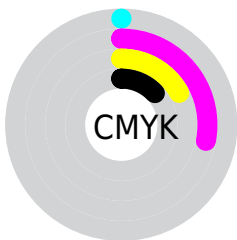
Blue (72%)



Red (87%)

Yellow (62%)

Blue (72%)

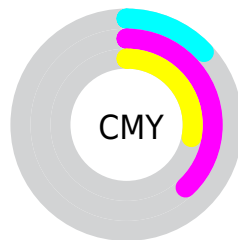


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6291, 0.3494, 0.2997 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 43.6291, 0.3494, 0.2997 by changing the saturation by 10% instead.


 43.6291, 0.3494,
0.2997

 43.6291, 0.3494,
0.2997


361.1926, 0.3310,
0.3143

 30.3790, 0.3540,
0.2961


 80.6593, 0.3427,
0.3050

 20.1265, 0.3600,
0.2915


 105.2083, 0.3402,
0.3069

 12.4870, 0.3679,
0.2854


134.2923, 0.3381,
0.3086

 7.0763, 0.3790,
0.2770

168.2958, 0.3362,
0.3101

 3.5098, 0.3956,
0.2645

207.6032, 0.3347,
0.3113

 1.4033, 0.4233,
0.2443

252.5989, 0.3333,

 0.2192, 0.5453,

0.3124

0.1389

303.6672, 0.3321,
0.3134

0.0000, 0.0000,
0.0000

43.6291, 0.3494,
0.2997

43.6291, 0.3494,
0.2997

36.1697, 0.3680,
0.2888

52.5028, 0.3340,
0.3106

30.0446, 0.3900,
0.2786

62.8531, 0.3213,
0.3210

25.1755, 0.4155,
0.2698

74.7458, 0.3108,
0.3309

21.4728, 0.4441,
0.2637

88.2412, 0.3023,
0.3400

18.8354, 0.4746,
0.2617

93.7887, 0.2950,
0.3341

■ 17.1441, 0.5053,
0.2646

■ 94.1097, 0.2923,
0.3289

■ 16.2302, 0.5340,
0.2727

■ 16.0922, 0.5394,
0.2745

Harmonies

Analogous

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



43.6291, 0.3105, 0.2773



43.6291, 0.3494, 0.2997



43.6291, 0.3792, 0.3294

Triad

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



43.6291, 0.3494, 0.2997



43.6291, 0.3490, 0.3983



43.6291, 0.2412, 0.2902

Complementary

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



43.6291, 0.3494, 0.2997



63.0630, 0.2865, 0.3605

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.



43.6291, 0.2501, 0.3229



43.6291, 0.3494, 0.2997



43.6291, 0.3112, 0.3893

Square

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



43.6291, 0.3494, 0.2997



43.6291, 0.3782, 0.3865



43.6291, 0.2752, 0.3605



43.6291, 0.2498, 0.2707

Rectangle

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



43.6291, 0.3494, 0.2997



43.6291, 0.3887, 0.3505



43.6291, 0.2752, 0.3605



43.6291, 0.2423, 0.2999

Sweetspot

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



43.6311, 0.3494, 0.2997



86.9082, 0.3213, 0.3210



41.6446, 0.2935, 0.2546



18.1084, 0.3231, 0.3195



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.



43.6311, 0.3494, 0.2997



53.6997, 0.3606, 0.2929



44.4881, 0.3722, 0.3354



13.1381, 0.3229, 0.3196



9.3707, 0.5355, 0.2723



0.6239, 0.4925, 0.2487

Inverse Universe

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



43.6311, 0.3494, 0.2997



53.6997, 0.3606, 0.2929



61.6117, 0.2715, 0.3225



13.1381, 0.3229, 0.3196



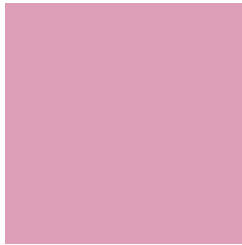
9.3707, 0.5355, 0.2723



0.6239, 0.4925, 0.2487

Previews

White Background



This preview shows how the Yxy color 43.6291, 0.3494, 0.2997 looks on a white background.

Color Contrast Check

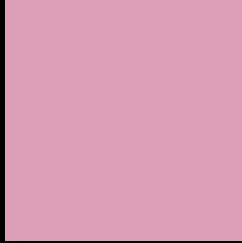
Large Text (above 18pt) WCAG AA × Fail

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 43.6291, 0.3494, 0.2997 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 43.6291, 0.3494, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 43.6291, 0.3494, 0.2997.



This preview shows how white text looks on a background with the Yxy color 43.6291, 0.3494, 0.2997.

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

43.6291, 0.3494, 0.2997

Protanopia

44.0597, 0.2976, 0.3054

Deuteranopia

43.7097, 0.3224, 0.3149



Tritanopia

43.7225, 0.3586, 0.3148

Trichromacy



Original Color

43.6291, 0.3494, 0.2997

Protanomaly

43.6736, 0.3157, 0.3036

Deuteranomaly

43.7528, 0.3321, 0.3092

Tritanomaly

43.5316, 0.3550, 0.3089

Monochromacy



Original Color

43.6291, 0.3494, 0.2997

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4433, 0.3259, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6291, 0.3494, 0.2997 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(221, 159, 184)` looks like.

```
.text, #text, p{  
    color:rgb(221, 159, 184)  
}
```

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(221, 159, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 159, 184) }
```

Border

The CSS property to change the border of an element to Yxy 43.6291, 0.3494, 0.2997 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(221, 159, 184) }
```

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

```
.border{ border-color:rgb(221, 159, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 159, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 159, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 159, 184); box-shadow:4px 4px 4px 4px rgb(221, 159, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6291, 0.3494, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 159, 184) }
```

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

```
.background{ background-color: rgb(221,  
159, 184) }
```

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](#).

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