

Converting Colors

$Y_{xy}(46.2690, 0.3368, 0.2959)$

Have a look what the booklet for
Yxy(46.2690, 0.3368, 0.2959)
contains.

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Color

Yxy(46.2275, 0.3371, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	DBA6C2
RGB	219, 166, 194
RGB Percent	86%, 65%, 76%
CMY	0.1411, 0.3490, 0.2392
CMYK	0.00, 0.24, 0.11, 0.14
HSL	328°, 42%, 75%
HSV	328°, 24%, 86%
XYZ	52.5929, 46.2275, 57.1954
YIQ	185.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

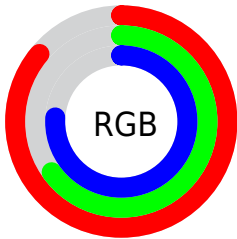
Format	Color
R _Y B	219, 166, 194
Decimal	14395074
CIE Lab	73.69, 23.88, -6.73
CIE LCh	74, 24.810, 344.261
Yxy	46.2275, 0.3371, 0.2963
Android (android.graphics.Color)	4292585154 (0xFFDBA6C2)
YUV	185.0390, 4.4178, 29.7838
Hunter-Lab	67.9908, 19.0912, -2.2825

Details

The Yxy color $46.2275, 0.3371, 0.2963$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $62.5432, 0.2939, 0.3642$, and the grayscale version is $48.5061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.8750, 0.3175, 0.3007$, and $21.7146, 0.3438, 0.2887$ is the 20% darker color. If you saturate the color by 10%, you get $38.4854, 0.3507, 0.2822$, and if you desaturate by 10%, it is $55.3620, 0.3257, 0.3102$.

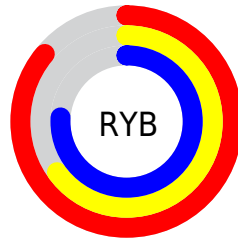
Distribution



Red (86%)

Green (65%)

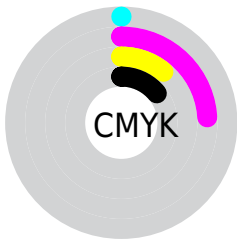
Blue (76%)



Red (86%)

Yellow (65%)

Blue (76%)

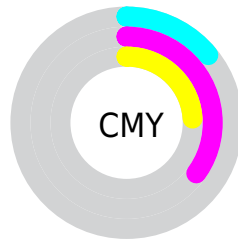


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (35%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2275, 0.3371, 0.2963 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 46.2275, 0.3371, 0.2963 by changing the saturation by 10% instead.

 46.2275, 0.3371,
0.2963

 46.2275, 0.3371,
0.2963


371.7225, 0.3251,
0.3123

 32.4254, 0.3400,
0.2924


 84.5594, 0.3328,
0.3020

 21.6866, 0.3438,
0.2875


 109.8579, 0.3311,
0.3042

 13.6268, 0.3487,
0.2811


139.7574, 0.3298,
0.3060

 7.8616, 0.3555,
0.2724

174.6422, 0.3286,
0.3076

 4.0065, 0.3654,
0.2598

214.8967, 0.3275,
0.3090

 1.6772, 0.3812,
0.2401

260.9053, 0.3266,

 0.4088, 0.4248,

0.3102

0.1775

313.0525, 0.3258,
0.3113

0.0000, 0.0000,
0.0000

46.2275, 0.3371,
0.2963

46.2275, 0.3371,
0.2963

38.4854, 0.3507,
0.2822

55.3620, 0.3257,
0.3102

32.0600, 0.3666,
0.2684

65.9471, 0.3162,
0.3236

26.8782, 0.3849,
0.2560

78.0453, 0.3083,
0.3362

22.8569, 0.4054,
0.2458

91.7134, 0.3018,
0.3479

19.9027, 0.4277,
0.2393

93.2168, 0.2962,
0.3385

■ 17.9078, 0.4507,
0.2375

■ 93.8036, 0.2912,
0.3289

■ 16.7409, 0.4733,
0.2412

■ 16.3179, 0.4862,
0.2452

Harmonies

Analogous

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



46.2275, 0.3017, 0.2783



46.2275, 0.3371, 0.2963



46.2275, 0.3670, 0.3222

Triad

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



46.2275, 0.3371, 0.2963



46.2275, 0.3537, 0.3903



46.2275, 0.2484, 0.3010

Complementary

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



46.2275, 0.3371, 0.2963



62.5432, 0.2939, 0.3642

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.



46.2275, 0.2607, 0.3326



46.2275, 0.3371, 0.2963



46.2275, 0.3207, 0.3871

Square

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



46.2275, 0.3371, 0.2963



46.2275, 0.3764, 0.3760



46.2275, 0.2867, 0.3653



46.2275, 0.2521, 0.2796

Rectangle

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



46.2275, 0.3371, 0.2963



46.2275, 0.3789, 0.3414



46.2275, 0.2867, 0.3653



46.2275, 0.2508, 0.3107

Sweetspot

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



46.2296, 0.3371, 0.2963



88.6048, 0.3187, 0.3199



43.4290, 0.2914, 0.2645



18.7654, 0.3193, 0.3191



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.



46.2296, 0.3371, 0.2963



59.5017, 0.3436, 0.2892



45.1524, 0.3614, 0.3270



13.1659, 0.3210, 0.3167



9.6958, 0.4830, 0.2435



0.6455, 0.4494, 0.2249

Inverse Universe

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



46.2296, 0.3371, 0.2963



59.5017, 0.3436, 0.2892



63.8043, 0.2782, 0.3310



13.1659, 0.3210, 0.3167



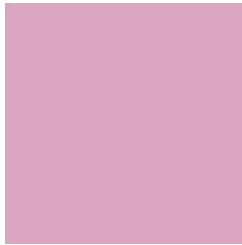
9.6958, 0.4830, 0.2435



0.6455, 0.4494, 0.2249

Previews

White Background



This preview shows how the Yxy color 46.2275, 0.3371, 0.2963 looks on a white background.

Color Contrast Check

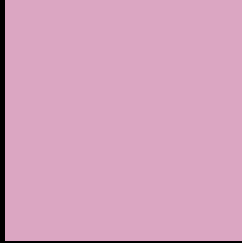
Large Text (above 18pt) WCAG AA × Fail

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 46.2275, 0.3371, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

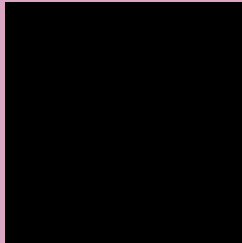
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2275, 0.3371, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 46.2275, 0.3371, 0.2963.



This preview shows how white text looks on a background with the Yxy color 46.2275, 0.3371, 0.2963.

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

46.2275, 0.3371, 0.2963

Protanopia

46.4193, 0.2934, 0.2996

Deuteranopia

46.3258, 0.3154, 0.3090



Tritanopia

46.0932, 0.3467, 0.3136

Trichromacy



Original Color

46.2275, 0.3371, 0.2963

Protanomaly

46.1675, 0.3081, 0.2979

Deuteranomaly

46.0518, 0.3228, 0.3033

Tritanomaly

46.0880, 0.3432, 0.3066

Monochromacy



Original Color

46.2275, 0.3371, 0.2963

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.3419, 0.3211, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2275, 0.3371, 0.2963 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, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 166, 194)  
}
```

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, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 166, 194) }
```

Border

The CSS property to change the border of an element to Yxy 46.2275, 0.3371, 0.2963 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, 166, 194) }
```

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

```
.border{ border-color:rgb(219, 166, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 166, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 166,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2275, 0.3371, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 166, 194) }
```

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

```
.background{ background-color: rgb(219,  
166, 194) }
```

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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