

Converting Colors

Yxy(49.5491, 0.3043, 0.2661)

Have a look what the booklet for
Yxy(49.5491, 0.3043, 0.2661)
contains.

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Color

Yxy(49.4026, 0.3039, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	D6ACE4
RGB	214, 172, 228
RGB Percent	84%, 67%, 89%
CMY	0.1609, 0.3254, 0.1058
CMYK	0.06, 0.25, 0.00, 0.11
HSL	285°, 51%, 78%
HSV	285°, 25%, 89%
XYZ	56.4840, 49.4026, 79.9772
YIQ	190.9420, 7.0560, 26.3200

Conversions

Conversions Part 2

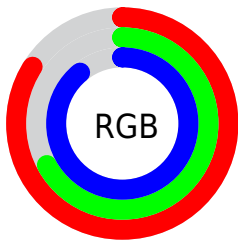
Format	Color
R_{YB}	214, 172, 228
Decimal	14068964
CIE _{Lab}	75.70, 25.11, -22.35
CIE _{LCh}	76, 33.613, 318.327
Yxy	49.4026, 0.3039, 0.2658
Android (android.graphics.Color)	4292259044 (0xFFD6ACE4)
YUV	190.9420, 18.2696, 20.2219
Hunter-Lab	70.2870, 20.4439, -18.2632

Details

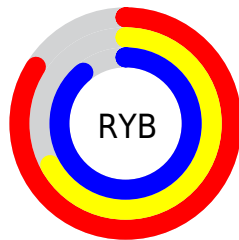
The Yxy color $49.4026, 0.3039, 0.2658$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68.9293, 0.3191, 0.3966$, and the grayscale version is $51.9545, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9668, 0.3139, 0.3029$, and $23.5431, 0.3016, 0.2506$ is the 20% darker color. If you saturate the color by 10%, you get $40.6104, 0.2991, 0.2388$, and if you desaturate by 10%, it is $59.7185, 0.3080, 0.2924$.

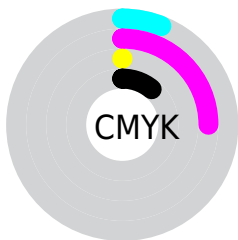
Distribution



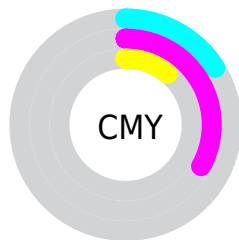
- Red (84%)
- Green (67%)
- Blue (89%)



- Red (84%)
- Yellow (67%)
- Blue (89%)



- Cyan (6%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)





- Cyan (16%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4026, 0.3039, 0.2658 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 49.4026, 0.3039, 0.2658 by changing the saturation by 10% instead.


 49.4026, 0.3039,
0.2658

 49.4026, 0.3039,
0.2658


384.3251, 0.3088,
0.2955

 34.9390, 0.3026,
0.2589


 89.2891, 0.3058,
0.2762

 23.6159, 0.3008,
0.2504


115.4808, 0.3064,
0.2802

 15.0489, 0.2984,
0.2395


146.3505, 0.3070,
0.2837

 8.8537, 0.2949,
0.2252

182.2828, 0.3075,
0.2867

 4.6459, 0.2895,
0.2058

223.6621, 0.3079,
0.2893

 2.0410, 0.2805,
0.1779

270.8726, 0.3082,

 0.6311, 0.2642,

0.2916

0.1313

324.2988, 0.3085,
0.2937

0.0000, 0.1330,
0.0000

0.0000, 0.0000,
0.0000

49.4026, 0.3039,
0.2658

49.4026, 0.3039,
0.2658

40.6104, 0.2991,
0.2388

59.7185, 0.3080,
0.2924

33.2591, 0.2937,
0.2123

71.6226, 0.3114,
0.3179

27.2680, 0.2877,
0.1872

85.1835, 0.3142,
0.3418

22.5453, 0.2811,
0.1649

95.1036, 0.3169,
0.3561

■ 18.9880, 0.2744,
0.1463

■ 96.1036, 0.3206,
0.3558

■ 16.4763, 0.2675,
0.1322

■ 97.1354, 0.3242,
0.3555

■ 14.8644, 0.2608,
0.1228

■ 98.1991, 0.3279,
0.3552

■ 14.2389, 0.2573,
0.1191

■ 98.3830, 0.3285,
0.3552

Harmonies

Analogous

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



49.4026, 0.2625, 0.2552



49.4026, 0.3039, 0.2658



49.4026, 0.3509, 0.2904

Triad

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



49.4026, 0.3039, 0.2658



49.4026, 0.3937, 0.3936



49.4026, 0.2413, 0.3267

Complementary

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



49.4026, 0.3039, 0.2658



68.9293, 0.3191, 0.3966

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.



49.4026, 0.2726, 0.3722



49.4026, 0.3039, 0.2658



49.4026, 0.3606, 0.4115

Square

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



49.4026, 0.3039, 0.2658



49.4026, 0.4048, 0.3611



49.4026, 0.3160, 0.4049



49.4026, 0.2285, 0.2863

Rectangle

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



49.4026, 0.3039, 0.2658



49.4026, 0.3782, 0.3123



49.4026, 0.3160, 0.4049



49.4026, 0.2498, 0.3421

Sweetspot

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



49.4047, 0.3039, 0.2658



88.2956, 0.3106, 0.3117



49.8947, 0.2723, 0.2785



18.6935, 0.3104, 0.3101



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.



49.4047, 0.3039, 0.2658



58.1967, 0.3018, 0.2534



50.9127, 0.3262, 0.2814



14.4236, 0.3098, 0.3056



8.2786, 0.2583, 0.1197



0.6549, 0.2678, 0.1249

Inverse Universe

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



49.5567, 0.3514, 0.3130



58.4799, 0.3611, 0.3099



67.7807, 0.3016, 0.3818



14.4270, 0.3253, 0.3231



9.7121, 0.5921, 0.3036



0.7323, 0.5507, 0.2807

Previews

White Background



This preview shows how the Yxy color 49.4026, 0.3039, 0.2658 looks on a white background.

Color Contrast Check

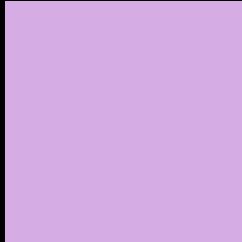
Large Text (above 18pt) WCAG AA × Fail

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 49.4026, 0.3039, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

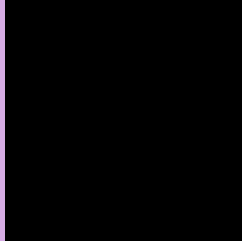
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4026, 0.3039, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 49.4026, 0.3039, 0.2658.



This preview shows how white text looks on a background with the Yxy color 49.4026, 0.3039, 0.2658.

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

49.4026, 0.3039, 0.2658

Protanopia

49.8110, 0.2679, 0.2664

Deuteranopia

49.6722, 0.2827, 0.2772



Tritanopia

49.6458, 0.3273, 0.3123

Trichromacy



Original Color

49.4026, 0.3039, 0.2658

Protanomaly

49.4018, 0.2801, 0.2653

Deuteranomaly

49.5220, 0.2903, 0.2725

Tritanomaly

49.3558, 0.3187, 0.2938

Monochromacy



Original Color

49.4026, 0.3039, 0.2658

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7827, 0.3097, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4026, 0.3039, 0.2658 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(214, 172, 228)` looks like.

```
.text, #text, p{  
    color:rgb(214, 172, 228)  
}
```

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(214, 172, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 172, 228) }
```

Border

The CSS property to change the border of an element to Yxy 49.4026, 0.3039, 0.2658 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(214, 172, 228) }
```

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

```
.border{ border-color:rgb(214, 172, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 172, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 172, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 172, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 172,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4026, 0.3039, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 172, 228) }
```

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

```
.background{ background-color: rgb(214,  
172, 228) }
```

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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