

Converting Colors

$Y_{xy}(49.4178, 0.3492, 0.2930)$

Have a look what the booklet for
Yxy(49.4178, 0.3492, 0.2930)
contains.

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Color

Yxy(49.4005, 0.3489, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6C7
RGB	237, 166, 199
RGB Percent	93%, 65%, 78%
CMY	0.0706, 0.3490, 0.2197
CMYK	0.00, 0.30, 0.16, 0.07
HSL	332°, 66%, 79%
HSV	332°, 30%, 93%
XYZ	58.8656, 49.4005, 60.4515
YIQ	190.9910, 31.7230, 25.3150

Conversions

Conversions Part 2

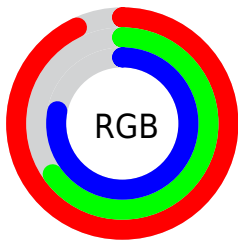
Format	Color
R_{YB}	237, 166, 199
Decimal	15574727
CIE _{Lab}	75.70, 30.94, -6.28
CIE _{LCh}	76, 31.570, 348.534
Yxy	49.4005, 0.3489, 0.2928
Android (android.graphics.Color)	4293764807 (0xFFEDA6C7)
YUV	190.9910, 3.9484, 40.3499
Hunter-Lab	70.2855, 26.4978, -1.7946

Details

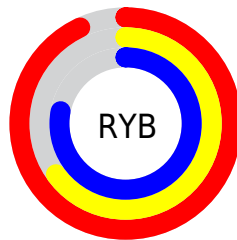
The Yxy color $49.4005, 0.3489, 0.2928$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $73.0326, 0.2872, 0.3685$, and the grayscale version is $52.0586, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7226, 0.3142, 0.2970$, and $23.5579, 0.3588, 0.2833$ is the 20% darker color. If you saturate the color by 10%, you get $41.0000, 0.3661, 0.2804$, and if you desaturate by 10%, it is $59.4423, 0.3345, 0.3054$.

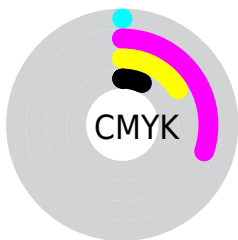
Distribution



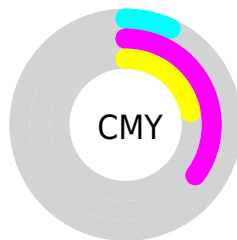
- Red (93%)
- Green (65%)
- Blue (78%)



- Red (93%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4005, 0.3489, 0.2928 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 49.4005, 0.3489, 0.2928 by changing the saturation by 10% instead.


 49.4005, 0.3489,
0.2928

 49.4005, 0.3489,
0.2928


384.3169, 0.3312,
0.3102

 34.9373, 0.3532,
0.2886


 89.2860, 0.3426,
0.2990

 23.6146, 0.3586,
0.2834


 115.4771, 0.3402,
0.3014

 15.0480, 0.3657,
0.2766


146.3462, 0.3381,
0.3034

 8.8530, 0.3754,
0.2674

182.2778, 0.3364,
0.3051

 4.6455, 0.3895,
0.2544

223.6563, 0.3348,
0.3067

 2.0408, 0.4114,
0.2346

270.8660, 0.3335,

 0.6310, 0.4537,

0.3080

0.1952

324.2914, 0.3323,
0.3092

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4005, 0.3489,
0.2928

49.4005, 0.3489,
0.2928

41.0000, 0.3661,
0.2804

59.4423, 0.3345,
0.3054

34.1454, 0.3862,
0.2687

71.2003, 0.3225,
0.3175

28.7420, 0.4093,
0.2589

84.7531, 0.3127,
0.3291

24.6818, 0.4348,
0.2522

96.4093, 0.3047,
0.3342

■ 21.8415, 0.4618,
0.2499

■ 96.7430, 0.3017,
0.3290

■ 20.0745, 0.4888,
0.2528

■ 19.1342, 0.5144,
0.2608

■ 19.1303, 0.5146,
0.2608

Harmonies

Analogous

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



49.4005, 0.3048, 0.2694



49.4005, 0.3489, 0.2928



49.4005, 0.3845, 0.3249

Triad

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



49.4005, 0.3489, 0.2928



49.4005, 0.3577, 0.4065



49.4005, 0.2333, 0.2889

Complementary

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



49.4005, 0.3489, 0.2928



73.0326, 0.2872, 0.3685

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.



49.4005, 0.2452, 0.3268



49.4005, 0.3489, 0.2928



49.4005, 0.3158, 0.3998

Square

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



49.4005, 0.3489, 0.2928



49.4005, 0.3888, 0.3902



49.4005, 0.2748, 0.3692



49.4005, 0.2405, 0.2654

Rectangle

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



49.4005, 0.3489, 0.2928



49.4005, 0.3971, 0.3483



49.4005, 0.2748, 0.3692



49.4005, 0.2351, 0.3002

Sweetspot

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



49.4028, 0.3489, 0.2928



85.4549, 0.3216, 0.3186



46.2099, 0.2889, 0.2482



17.8228, 0.3231, 0.3169



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.



49.4028, 0.3489, 0.2928



51.9737, 0.3592, 0.2850



48.9022, 0.3792, 0.3319



15.1705, 0.3220, 0.3181



10.4712, 0.5107, 0.2587



0.8415, 0.4776, 0.2405

Inverse Universe

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



49.4028, 0.3489, 0.2928



51.9737, 0.3592, 0.2850



73.4246, 0.2692, 0.3261



15.1705, 0.3220, 0.3181



10.4712, 0.5107, 0.2587



0.8415, 0.4776, 0.2405

Previews

White Background



This preview shows how the Yxy color 49.4005, 0.3489, 0.2928 looks on a white background.

Color Contrast Check

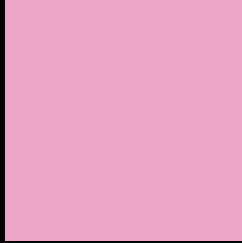
Large Text (above 18pt) WCAG AA × Fail

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 49.4005, 0.3489, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

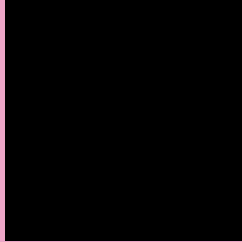
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4005, 0.3489, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 49.4005, 0.3489, 0.2928.



This preview shows how white text looks on a background with the Yxy color 49.4005, 0.3489, 0.2928.

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

49.4005, 0.3489, 0.2928

Protanopia

49.8882, 0.2918, 0.2980

Deuteranopia

49.4508, 0.3178, 0.3108



Tritanopia

49.4155, 0.3621, 0.3145

Trichromacy



Original Color

49.4005, 0.3489, 0.2928

Protanomaly

49.4417, 0.3109, 0.2956

Deuteranomaly

49.3780, 0.3287, 0.3043

Tritanomaly

49.4690, 0.3577, 0.3068

Monochromacy



Original Color

49.4005, 0.3489, 0.2928

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7608, 0.3253, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4005, 0.3489, 0.2928 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(237, 166, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 199)  
}
```

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(237, 166, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 199) }
```

Border

The CSS property to change the border of an element to Yxy 49.4005, 0.3489, 0.2928 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(237, 166, 199) }
```

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

```
.border{ border-color:rgb(237, 166, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4005, 0.3489, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 199) }
```

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

```
.background{ background-color: rgb(237,  
166, 199) }
```

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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