

Converting Colors

$Y_{xy}(49.3453, 0.3507, 0.2947)$

Have a look what the booklet for
Yxy(49.3453, 0.3507, 0.2947)
contains.

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Color

Yxy(49.3082, 0.3507, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6C5
RGB	237, 166, 197
RGB Percent	93%, 65%, 77%
CMY	0.0706, 0.3490, 0.2274
CMYK	0.00, 0.30, 0.17, 0.07
HSL	334°, 66%, 79%
HSV	334°, 30%, 93%
XYZ	58.6381, 49.3082, 59.2568
YIQ	190.7630, 32.3650, 24.6930

Conversions

Conversions Part 2

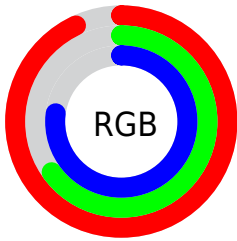
Format	Color
R _Y B	237, 166, 197
Decimal	15574725
CIE Lab	75.64, 30.64, -5.28
CIE LCh	76, 31.089, 350.214
Yxy	49.3082, 0.3507, 0.2949
Android (android.graphics.Color)	4293764805 (0xFFEDA6C5)
YUV	190.7630, 3.0748, 40.5498
Hunter-Lab	70.2198, 26.1746, -0.8795

Details

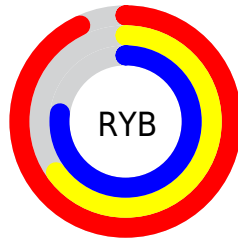
The Yxy color $49.3082, 0.3507, 0.2949$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $73.1273, 0.2861, 0.3661$, and the grayscale version is $51.9253, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.6583, 0.3149, 0.2979$, and $23.4967, 0.3614, 0.2861$ is the 20% darker color. If you saturate the color by 10%, you get $40.8880, 0.3688, 0.2832$, and if you desaturate by 10%, it is $59.3747, 0.3355, 0.3067$.

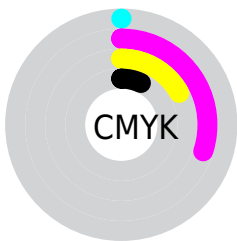
Distribution



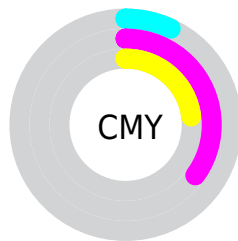
- Red (93%)
- Green (65%)
- Blue (77%)



- Red (93%)
- Yellow (65%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3082, 0.3507, 0.2949 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 49.3082, 0.3507, 0.2949 by changing the saturation by 10% instead.


 49.3082, 0.3507,
0.2949


 49.3082, 0.3507,
0.2949

383.9544, 0.3321,
0.3114

 34.8640, 0.3552,
0.2909


 89.1490, 0.3440,
0.3008

 23.5582, 0.3610,
0.2860


 115.3145, 0.3415,
0.3030

 15.0062, 0.3685,
0.2795


146.1558, 0.3393,
0.3049

 8.8237, 0.3789,
0.2707

182.0574, 0.3375,
0.3066

 4.6264, 0.3938,
0.2582

223.4036, 0.3359,
0.3080

 2.0298, 0.4174,
0.2391

270.5790, 0.3345,

 0.6247, 0.4632,

0.3093

0.2000

323.9677, 0.3332,
0.3104

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3082, 0.3507,
0.2949

49.3082, 0.3507,
0.2949

40.8880, 0.3688,
0.2832

59.3747, 0.3355,
0.3067

34.0184, 0.3902,
0.2722

71.1626, 0.3230,
0.3182

28.6048, 0.4147,
0.2631

84.7507, 0.3127,
0.3291

24.5386, 0.4419,
0.2570

96.4506, 0.3043,
0.3335

■ 21.6964, 0.4707,
0.2553

■ 96.7431, 0.3017,
0.3290

■ 19.9313, 0.4993,
0.2588

■ 18.9965, 0.5262,
0.2673

■ 18.9927, 0.5263,
0.2673

Harmonies

Analogous

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



49.3082, 0.3074, 0.2712



49.3082, 0.3507, 0.2949



49.3082, 0.3848, 0.3270

Triad

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



49.3082, 0.3507, 0.2949



49.3082, 0.3549, 0.4056



49.3082, 0.2342, 0.2878

Complementary

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



49.3082, 0.3507, 0.2949



73.1273, 0.2861, 0.3661

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.



49.3082, 0.2450, 0.3245



49.3082, 0.3507, 0.2949



49.3082, 0.3134, 0.3976

Square

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



49.3082, 0.3507, 0.2949



49.3082, 0.3865, 0.3907



49.3082, 0.2733, 0.3664



49.3082, 0.2424, 0.2656

Rectangle

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



49.3082, 0.3507, 0.2949



49.3082, 0.3964, 0.3501



49.3082, 0.2733, 0.3664



49.3082, 0.2357, 0.2987

Sweetspot

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



49.3105, 0.3507, 0.2949



85.4166, 0.3220, 0.3192



46.3757, 0.2898, 0.2484



17.8134, 0.3236, 0.3176



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.



49.3105, 0.3507, 0.2949



51.8514, 0.3616, 0.2876



49.3405, 0.3788, 0.3332



15.1633, 0.3224, 0.3188



10.3954, 0.5223, 0.2651



0.8353, 0.4875, 0.2459

Inverse Universe

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



49.3105, 0.3507, 0.2949



51.8514, 0.3616, 0.2876



72.7507, 0.2691, 0.3248



15.1633, 0.3224, 0.3188



10.3954, 0.5223, 0.2651



0.8353, 0.4875, 0.2459

Previews

White Background



This preview shows how the Yxy color 49.3082, 0.3507, 0.2949 looks on a white background.

Color Contrast Check

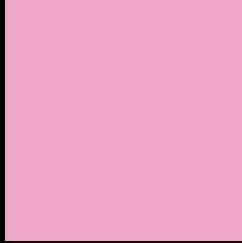
Large Text (above 18pt) WCAG AA × Fail

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 49.3082, 0.3507, 0.2949 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 49.3082, 0.3507, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 49.3082, 0.3507, 0.2949.



This preview shows how white text looks on a background with the Yxy color 49.3082, 0.3507, 0.2949.

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

49.3082, 0.3507, 0.2949

Protanopia

49.4917, 0.2939, 0.2992

Deuteranopia

49.3603, 0.3194, 0.3132



Tritanopia

49.4155, 0.3621, 0.3145

Trichromacy



Original Color

49.3082, 0.3507, 0.2949

Protanomaly

48.9451, 0.3125, 0.2966

Deuteranomaly

49.2869, 0.3304, 0.3066

Tritanomaly

49.4260, 0.3586, 0.3079

Monochromacy



Original Color

49.3082, 0.3507, 0.2949

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7160, 0.3261, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3082, 0.3507, 0.2949 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 197) }
```

Border

The CSS property to change the border of an element to Yxy 49.3082, 0.3507, 0.2949 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, 197) }
```

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

```
.border{ border-color:rgb(237, 166, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 197);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3082, 0.3507, 0.2949 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, 197) }
```

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

```
.background{ background-color: rgb(237,  
166, 197) }
```

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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