

Converting Colors

$Yxy(49.0154, 0.3496, 0.3141)$

Have a look what the booklet for
Yxy(49.0154, 0.3496, 0.3141)
contains.

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Color

Yxy(49.0154, 0.3496, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	E1ACB9
RGB	225, 172, 185
RGB Percent	88%, 67%, 73%
CMY	0.1177, 0.3254, 0.2745
CMYK	0.00, 0.24, 0.18, 0.12
HSL	345°, 47%, 78%
HSV	345°, 24%, 88%
XYZ	54.5552, 49.0154, 52.4797
YIQ	189.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

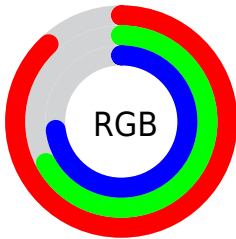
Format	Color
R _Y B	225, 172, 185
Decimal	14789817
CIE Lab	75.46, 21.30, 0.88
CIE LCh	75, 21.320, 2.369
Yxy	49.0154, 0.3496, 0.3141
Android (android.graphics.Color)	4292979897 (0xFFE1ACB9)
YUV	189.3290, -2.1342, 31.2835
Hunter-Lab	70.0110, 16.5746, 4.5644

Details

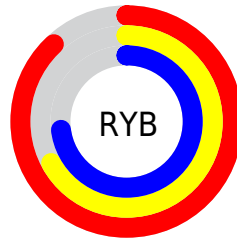
The Yxy color **49.0154, 0.3496, 0.3141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.3653, 0.2855, 0.3445**, and the grayscale version is **51.0881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0977, 0.3230, 0.3163**, and **23.2946, 0.3601, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **40.4907, 0.3716, 0.3074**, and if you desaturate by 10%, it is **59.0800, 0.3317, 0.3207**.

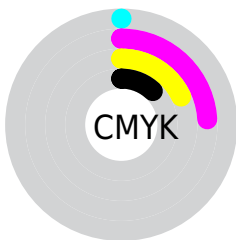
Distribution



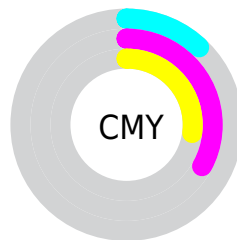
- Red (88%)
- Green (67%)
- Blue (73%)



- Red (88%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (12%)





- Cyan (12%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0154, 0.3496, 0.3141 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 49.0154, 0.3496, 0.3141 by changing the saturation by 10% instead.


 49.0154, 0.3496,
0.3141

 49.0154, 0.3496,
0.3141


382.8029, 0.3313,
0.3216

 34.6317, 0.3541,
0.3122


 88.7143, 0.3430,
0.3168

 23.3793, 0.3599,
0.3099


114.7983, 0.3405,
0.3178

 14.8738, 0.3676,
0.3067


145.5512, 0.3384,
0.3187

 8.7309, 0.3783,
0.3023

181.3574, 0.3365,
0.3194

 4.5661, 0.3940,
0.2957

222.6013, 0.3350,
0.3201

 1.9950, 0.4196,
0.2850

269.6672, 0.3336,

 0.6046, 0.4827,

0.3206

0.2604

322.9397, 0.3324,
0.3211

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0154, 0.3496,
0.3141

49.0154, 0.3496,
0.3141

40.4907, 0.3716,
0.3074

59.0800, 0.3317,
0.3207

33.4231, 0.3982,
0.3010

70.7483, 0.3172,
0.3269

27.7324, 0.4298,
0.2954

84.0890, 0.3054,
0.3327

23.3279, 0.4660,
0.2916

94.6119, 0.2957,
0.3310

■ 20.1078, 0.5052,
0.2907

■ 94.7442, 0.2946,
0.3289

■ 17.9549, 0.5442,
0.2937

■ 16.7272, 0.5788,
0.3007

■ 16.2813, 0.5975,
0.3065

Harmonies

Analogous

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



49.0154, 0.3216, 0.2941



49.0154, 0.3496, 0.3141



49.0154, 0.3677, 0.3383

Triad

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



49.0154, 0.3496, 0.3141



49.0154, 0.3313, 0.3807



49.0154, 0.2583, 0.2933

Complementary

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



49.0154, 0.3496, 0.3141



67.3653, 0.2855, 0.3445

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.



49.0154, 0.2607, 0.3156



49.0154, 0.3496, 0.3141



49.0154, 0.3019, 0.3681

Square

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



49.0154, 0.3496, 0.3141



49.0154, 0.3565, 0.3776



49.0154, 0.2763, 0.3434



49.0154, 0.2696, 0.2818

Rectangle

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



49.0154, 0.3496, 0.3141



49.0154, 0.3712, 0.3542



49.0154, 0.2763, 0.3434



49.0154, 0.2576, 0.2997

Sweetspot

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



49.0176, 0.3496, 0.3141



88.2975, 0.3219, 0.3248



48.9042, 0.3044, 0.2686



18.6943, 0.3228, 0.3244



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.



49.0176, 0.3496, 0.3141



59.5965, 0.3593, 0.3110



53.7887, 0.3579, 0.3445



13.7553, 0.3254, 0.3233



9.3995, 0.5937, 0.3044



0.6656, 0.5499, 0.2803

Inverse Universe

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



49.0176, 0.3496, 0.3141



59.5965, 0.3593, 0.3110



61.1638, 0.2767, 0.3130



13.7553, 0.3254, 0.3233



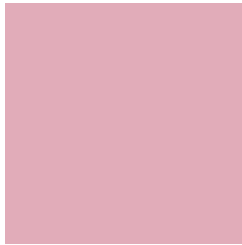
9.3995, 0.5937, 0.3044



0.6656, 0.5499, 0.2803

Previews

White Background



This preview shows how the Yxy color 49.0154, 0.3496, 0.3141 looks on a white background.

Color Contrast Check

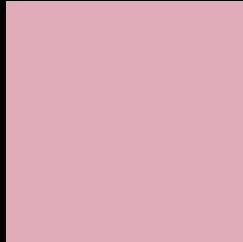
Large Text (above 18pt) WCAG AA × Fail

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 49.0154, 0.3496, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

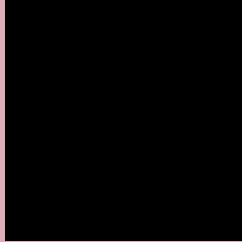
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0154, 0.3496, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 49.0154, 0.3496, 0.3141.



This preview shows how white text looks on a background with the Yxy color 49.0154, 0.3496, 0.3141.

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

49.0154, 0.3496, 0.3141

Protanopia

49.2395, 0.3090, 0.3189

Deuteranopia

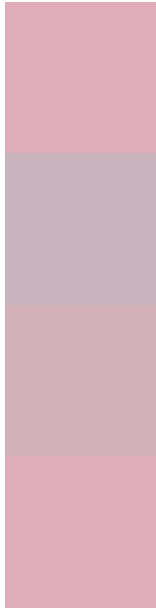
49.0405, 0.3321, 0.3254



Tritanopia

49.0154, 0.3496, 0.3141

Trichromacy



Original Color

49.0154, 0.3496, 0.3141

Protanomaly

48.7777, 0.3228, 0.3168

Deuteranomaly

48.9020, 0.3379, 0.3207

Tritanomaly

49.0154, 0.3496, 0.3141

Monochromacy



Original Color

49.0154, 0.3496, 0.3141

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.0544, 0.3249, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0154, 0.3496, 0.3141 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(225, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(225, 172, 185)  
}
```

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(225, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 172, 185) }
```

Border

The CSS property to change the border of an element to Yxy 49.0154, 0.3496, 0.3141 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(225, 172, 185) }
```

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

```
.border{ border-color:rgb(225, 172, 185) }
```

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

Here you see how a box with a 4 pixel rgb(225, 172, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(225, 172,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0154, 0.3496, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 172, 185) }
```

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

```
.background{ background-color: rgb(225,  
172, 185) }
```

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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