

Converting Colors

$Yxy(49.7455, 0.3671, 0.3242)$

Have a look what the booklet for
Yxy(49.7455, 0.3671, 0.3242)
contains.

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Color

Yxy(49.7134, 0.3672, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	EAABAF
RGB	234, 171, 175
RGB Percent	92%, 67%, 69%
CMY	0.0823, 0.3294, 0.3136
CMYK	0.00, 0.27, 0.25, 0.08
HSL	356°, 60%, 79%
HSV	356°, 27%, 92%
XYZ	56.2377, 49.7134, 47.2017
YIQ	190.2930, 36.2640, 14.6000

Conversions

Conversions Part 2

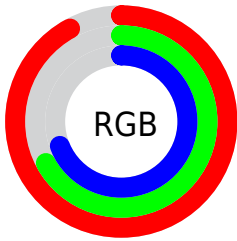
Format	Color
R _Y B	234, 171, 175
Decimal	15379375
CIE Lab	75.89, 23.67, 7.07
CIE LCh	76, 24.702, 16.631
Yxy	49.7134, 0.3672, 0.3246
Android (android.graphics.Color)	4293569455 (0xFFEAABAF)
YUV	190.2930, -7.5394, 38.3310
Hunter-Lab	70.5077, 18.9850, 9.6635

Details

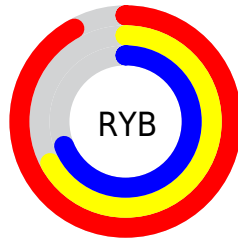
The Yxy color **49.7134, 0.3672, 0.3246** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.2236, 0.2756, 0.3336**, and the grayscale version is **51.7012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9113, 0.3304, 0.3261**, and **23.7340, 0.3822, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **40.8519, 0.3970, 0.3229**, and if you desaturate by 10%, it is **60.2841, 0.3431, 0.3263**.

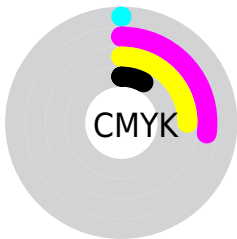
Distribution



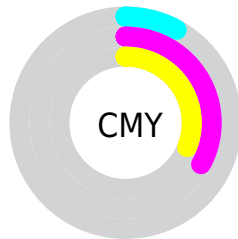
- Red (92%)
- Green (67%)
- Blue (69%)



- Red (92%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7134, 0.3672, 0.3246 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 49.7134, 0.3672, 0.3246 by changing the saturation by 10% instead.


 49.7134, 0.3672,
0.3246

 49.7134, 0.3672,
0.3246


385.5441, 0.3400,
0.3272

 35.1857, 0.3739,
0.3238


 89.7501, 0.3574,
0.3256

 23.8060, 0.3826,
0.3228


116.0279, 0.3537,
0.3260

 15.1898, 0.3940,
0.3212


146.9912, 0.3505,
0.3263

 8.9527, 0.4099,
0.3189

183.0244, 0.3478,
0.3266

 4.7103, 0.4332,
0.3150

224.5119, 0.3455,
0.3268

 2.0783, 0.4708,
0.3076

271.8381, 0.3434,

 0.6524, 0.5901,

0.3269

0.3079

325.3874, 0.3416,
0.3271

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.7134, 0.3672,
0.3246

49.7134, 0.3672,
0.3246

40.8519, 0.3970,
0.3229

60.2841, 0.3431,
0.3263

33.6034, 0.4332,
0.3215

72.6398, 0.3238,
0.3279

27.8728, 0.4754,
0.3205

86.8602, 0.3083,
0.3295

23.5523, 0.5216,
0.3203

96.2348, 0.2999,
0.3290

■ 20.5197, 0.5671,
0.3213

■ 18.6322, 0.6053,
0.3235

■ 17.7076, 0.6299,
0.3266

■ 17.5292, 0.6348,
0.3271

Harmonies

Analogous

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



49.7134, 0.3391, 0.2989



49.7134, 0.3672, 0.3246



49.7134, 0.3800, 0.3525

Triad

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



49.7134, 0.3672, 0.3246



49.7134, 0.3178, 0.3843



49.7134, 0.2547, 0.2799

Complementary

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



49.7134, 0.3672, 0.3246



73.2236, 0.2756, 0.3336

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.



49.7134, 0.2498, 0.2998



49.7134, 0.3672, 0.3246



49.7134, 0.2851, 0.3619

Square

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



49.7134, 0.3672, 0.3246



49.7134, 0.3503, 0.3890



49.7134, 0.2606, 0.3299



49.7134, 0.2742, 0.2736

Rectangle

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



49.7134, 0.3672, 0.3246



49.7134, 0.3777, 0.3693



49.7134, 0.2606, 0.3299



49.7134, 0.2513, 0.2851

Sweetspot

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



49.7157, 0.3672, 0.3246



86.4984, 0.3257, 0.3278



51.8581, 0.3124, 0.2613



18.0059, 0.3284, 0.3275



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.



49.7157, 0.3672, 0.3246



54.5400, 0.3820, 0.3237



60.9625, 0.3630, 0.3595



15.0697, 0.3283, 0.3275



9.8553, 0.6332, 0.3262



0.7794, 0.6152, 0.3163

Inverse Universe

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



49.7157, 0.3672, 0.3246



54.5400, 0.3820, 0.3237



59.0826, 0.2703, 0.2963



15.0697, 0.3283, 0.3275



9.8553, 0.6332, 0.3262



0.7794, 0.6152, 0.3163

Previews

White Background



This preview shows how the Yxy color 49.7134, 0.3672, 0.3246 looks on a white background.

Color Contrast Check

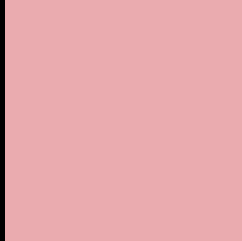
Large Text (above 18pt) WCAG AA × Fail

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 49.7134, 0.3672, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

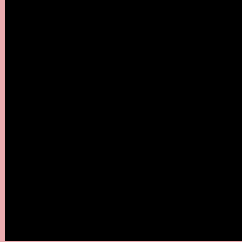
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7134, 0.3672, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 49.7134, 0.3672, 0.3246.



This preview shows how white text looks on a background with the Yxy color 49.7134, 0.3672, 0.3246.

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

49.7134, 0.3672, 0.3246

Protanopia

50.2078, 0.3192, 0.3328

Deuteranopia

49.9138, 0.3457, 0.3388



Tritanopia

49.8305, 0.3610, 0.3146

Trichromacy



Original Color

49.7134, 0.3672, 0.3246

Protanomaly

49.6493, 0.3353, 0.3291

Deuteranomaly

49.5603, 0.3529, 0.3327

Tritanomaly

49.7069, 0.3637, 0.3179

Monochromacy



Original Color

49.7134, 0.3672, 0.3246

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.4916, 0.3308, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7134, 0.3672, 0.3246 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(234, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 175)  
}
```

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(234, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 175) }
```

Border

The CSS property to change the border of an element to Yxy 49.7134, 0.3672, 0.3246 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(234, 171, 175) }
```

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

```
.border{ border-color:rgb(234, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7134, 0.3672, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 171, 175) }
```

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

```
.background{ background-color: rgb(234,  
171, 175) }
```

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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