

Converting Colors

$Y_{xy}(49.2134, 0.3796, 0.3306)$

Have a look what the booklet for
Yxy(49.2134, 0.3796, 0.3306)
contains.

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Color

Yxy(49.1460, 0.3802, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	EFA8A7
RGB	239, 168, 167
RGB Percent	94%, 66%, 65%
CMY	0.0628, 0.3411, 0.3450
CMYK	0.00, 0.30, 0.30, 0.06
HSL	1°, 69%, 80%
HSV	1°, 30%, 94%
XYZ	56.5707, 49.1460, 43.0753
YIQ	189.1150, 42.6370, 14.7410

Conversions

Conversions Part 2

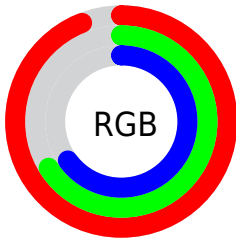
Format	Color
R _Y B	239, 168, 167
Decimal	15706279
CIE Lab	75.54, 26.01, 11.01
CIE LCh	76, 28.243, 22.946
Yxy	49.1460, 0.3802, 0.3303
Android (android.graphics.Color)	4293896359 (0xFFEFA8A7)
YUV	189.1150, -10.9027, 43.7491
Hunter-Lab	70.1042, 21.3585, 12.6424

Details

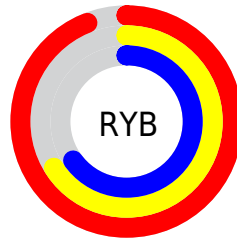
The Yxy color **49.1460, 0.3802, 0.3303** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.5924, 0.2692, 0.3277**, and the grayscale version is **51.0052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8452, 0.3362, 0.3311**, and **23.3230, 0.3993, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **40.4154, 0.4141, 0.3308**, and if you desaturate by 10%, it is **59.6218, 0.3526, 0.3298**.

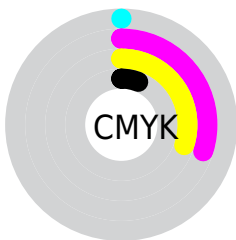
Distribution



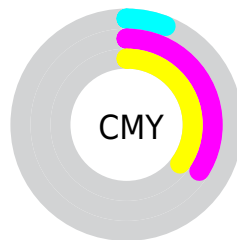
- Red (94%)
- Green (66%)
- Blue (65%)



- Red (94%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (6%)




- Cyan (6%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1460, 0.3802, 0.3303 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 49.1460, 0.3802, 0.3303 by changing the saturation by 10% instead.


 49.1460, 0.3802,
0.3303


 49.1460, 0.3802,
0.3303

383.3168, 0.3464,
0.3304

 34.7353, 0.3886,
0.3300


 88.9083, 0.3679,
0.3305

 23.4591, 0.3994,
0.3296


 115.0286, 0.3633,
0.3306

 14.9328, 0.4136,
0.3287


145.8210, 0.3594,
0.3306

 8.7723, 0.4334,
0.3271

181.6698, 0.3561,
0.3305

 4.5929, 0.4624,
0.3239

222.9593, 0.3532,
0.3305

 2.0105, 0.5086,
0.3165

270.0741, 0.3507,

 0.6135, 0.6754,

0.3305

0.3246

323.3985, 0.3484,
0.3305

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.1460, 0.3802,
0.3303

49.1460, 0.3802,
0.3303

40.4154, 0.4141,
0.3308

59.6218, 0.3526,
0.3298

33.3288, 0.4547,
0.3312

71.9229, 0.3305,
0.3294

27.7852, 0.5008,
0.3315

86.1330, 0.3129,
0.3290

23.6699, 0.5488,
0.3316

97.0871, 0.3029,
0.3290

■ 20.8521, 0.5922,
0.3314

■ 19.1770, 0.6235,
0.3309

■ 18.4183, 0.6393,
0.3305

Harmonies

Analogous

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



49.1460, 0.3507, 0.3003



49.1460, 0.3802, 0.3303



49.1460, 0.3902, 0.3617

Triad

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



49.1460, 0.3802, 0.3303



49.1460, 0.3100, 0.3891



49.1460, 0.2499, 0.2700

Complementary

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



49.1460, 0.3802, 0.3303



75.5924, 0.2692, 0.3277

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.



49.1460, 0.2408, 0.2892



49.1460, 0.3802, 0.3303



49.1460, 0.2740, 0.3596

Square

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



49.1460, 0.3802, 0.3303



49.1460, 0.3482, 0.3988



49.1460, 0.2493, 0.3218



49.1460, 0.2751, 0.2665

Rectangle

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



49.1460, 0.3802, 0.3303



49.1460, 0.3844, 0.3800



49.1460, 0.2493, 0.3218



49.1460, 0.2450, 0.2747

Sweetspot

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



49.1483, 0.3802, 0.3303



85.0082, 0.3284, 0.3294



52.2244, 0.3162, 0.2541



17.7133, 0.3313, 0.3294



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.



49.1483, 0.3802, 0.3303



50.6279, 0.3998, 0.3306



63.8508, 0.3689, 0.3684



15.7936, 0.3293, 0.3294



10.1958, 0.6391, 0.3308



0.8604, 0.6364, 0.3329

Inverse Universe

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



75.5924, 0.2692, 0.3277



85.7455, 0.2618, 0.3275



57.1618, 0.2645, 0.2859



17.8895, 0.2981, 0.3286



36.5232, 0.2235, 0.3246



3.0503, 0.2237, 0.3252

Previews

White Background



This preview shows how the Yxy color 49.1460, 0.3802, 0.3303 looks on a white background.

Color Contrast Check

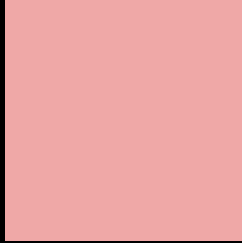
Large Text (above 18pt) WCAG AA × Fail

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 49.1460, 0.3802, 0.3303 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 49.1460, 0.3802, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 49.1460, 0.3802, 0.3303.



This preview shows how white text looks on a background with the Yxy color 49.1460, 0.3802, 0.3303.

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

49.1460, 0.3802, 0.3303

Protanopia

49.4589, 0.3257, 0.3417

Deuteranopia

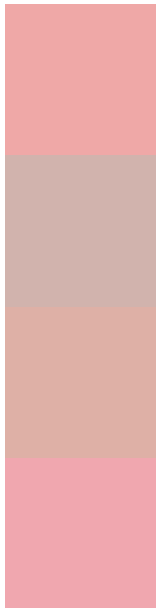
49.3562, 0.3537, 0.3473



Tritanopia

49.0524, 0.3703, 0.3148

Trichromacy



Original Color

49.1460, 0.3802, 0.3303

Protanomaly

48.8126, 0.3443, 0.3364

Deuteranomaly

49.3334, 0.3631, 0.3409

Tritanomaly

49.2578, 0.3738, 0.3203

Monochromacy



Original Color

49.1460, 0.3802, 0.3303

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6493, 0.3353, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1460, 0.3802, 0.3303 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(239, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(239, 168, 167)  
}
```

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(239, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 168, 167) }
```

Border

The CSS property to change the border of an element to Yxy 49.1460, 0.3802, 0.3303 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(239, 168, 167) }
```

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

```
.border{ border-color:rgb(239, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(239, 168,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1460, 0.3802, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 168, 167) }
```

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

```
.background{ background-color: rgb(239,  
168, 167) }
```

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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