

Converting Colors

$Y_{xy}(48.1837, 0.3772, 0.3257)$

Have a look what the booklet for
Yxy(48.1837, 0.3772, 0.3257)
contains.

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Color

Yxy(48.1415, 0.3771, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6A9
RGB	237, 166, 169
RGB Percent	93%, 65%, 66%
CMY	0.0706, 0.3490, 0.3372
CMYK	0.00, 0.30, 0.29, 0.07
HSL	357°, 66%, 79%
HSV	357°, 30%, 93%
XYZ	55.7218, 48.1415, 43.9007
YIQ	187.5710, 41.3530, 15.9850

Conversions

Conversions Part 2

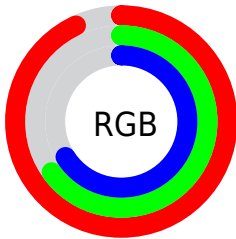
Format	Color
R _Y B	237, 166, 169
Decimal	15574697
CIE Lab	74.91, 26.60, 9.00
CIE LCh	75, 28.080, 18.686
Yxy	48.1415, 0.3771, 0.3258
Android (android.graphics.Color)	4293764777 (0xFFEDA6A9)
YUV	187.5710, -9.1555, 43.3492
Hunter-Lab	69.3841, 21.9298, 11.0549

Details

The Yxy color **48.1415, 0.3771, 0.3258** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.6104, 0.2711, 0.3324**, and the grayscale version is **50.0705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8844, 0.3351, 0.3271**, and **22.7979, 0.3963, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **39.5266, 0.4096, 0.3248**, and if you desaturate by 10%, it is **58.4964, 0.3507, 0.3269**.

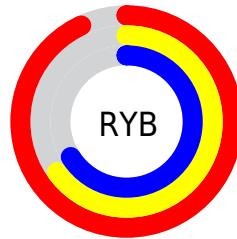
Distribution



Red (93%)

Green (65%)

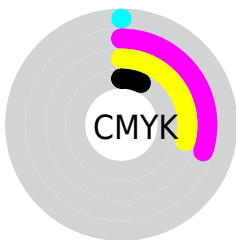
Blue (66%)



Red (93%)

Yellow (65%)

Blue (66%)

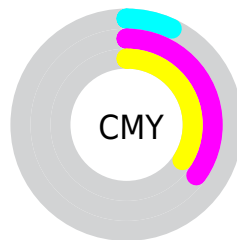


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1415, 0.3771, 0.3258 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 48.1415, 0.3771, 0.3258 by changing the saturation by 10% instead.

 48.1415, 0.3771,
0.3258


 48.1415, 0.3771,
0.3258


379.3527, 0.3448,
0.3280

 33.9390, 0.3852,
0.3251

 87.4150, 0.3653,
0.3268

 22.8467, 0.3955,
0.3240

 113.2548, 0.3609,
0.3271

 14.4804, 0.4093,
0.3224


143.7425, 0.3572,
0.3273

 8.4555, 0.4284,
0.3198

179.2624, 0.3540,
0.3275

 4.3878, 0.4567,
0.3153

220.1990, 0.3513,
0.3277

 1.8928, 0.5024,
0.3062

266.9367, 0.3488,

 0.5440, 0.6898,

0.3278

0.3102

319.8598, 0.3467,
0.3279

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.1415, 0.3771,
0.3258

48.1415, 0.3771,
0.3258

39.5266, 0.4096,
0.3248

58.4964, 0.3507,
0.3269

32.5500, 0.4487,
0.3239

70.6721, 0.3296,
0.3280

27.1098, 0.4934,
0.3235

84.7529, 0.3126,
0.3290

23.0900, 0.5407,
0.3237

96.7430, 0.3017,
0.3290

■ 20.3584, 0.5847,
0.3247

■ 18.7576, 0.6182,
0.3265

■ 18.0277, 0.6367,
0.3282

■ 18.0250, 0.6368,
0.3282

Harmonies

Analogous

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



48.1415, 0.3455, 0.2965



48.1415, 0.3771, 0.3258



48.1415, 0.3903, 0.3574

Triad

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



48.1415, 0.3771, 0.3258



48.1415, 0.3155, 0.3919



48.1415, 0.2475, 0.2717

Complementary

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



48.1415, 0.3771, 0.3258



74.6104, 0.2711, 0.3324

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.



48.1415, 0.2409, 0.2931



48.1415, 0.3771, 0.3258



48.1415, 0.2786, 0.3647

Square

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



48.1415, 0.3771, 0.3258



48.1415, 0.3532, 0.3984



48.1415, 0.2518, 0.3271



48.1415, 0.2706, 0.2660

Rectangle

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



48.1415, 0.3771, 0.3258



48.1415, 0.3865, 0.3765



48.1415, 0.2518, 0.3271



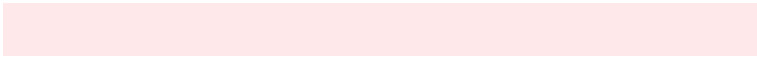
48.1415, 0.2434, 0.2772

Sweetspot

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



48.1438, 0.3771, 0.3258



84.8859, 0.3278, 0.3281



50.7875, 0.3132, 0.2538



17.6835, 0.3306, 0.3279



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.



48.1438, 0.3771, 0.3258



50.3190, 0.3965, 0.3251



61.1220, 0.3696, 0.3644



15.0644, 0.3286, 0.3280



9.8466, 0.6355, 0.3275



0.7769, 0.6233, 0.3207

Inverse Universe

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



48.1438, 0.3771, 0.3258



50.3190, 0.3965, 0.3251



57.9078, 0.2652, 0.2906



15.0644, 0.3286, 0.3280



9.8466, 0.6355, 0.3275



0.7769, 0.6233, 0.3207

Previews

White Background



This preview shows how the Yxy color 48.1415, 0.3771, 0.3258 looks on a white background.

Color Contrast Check

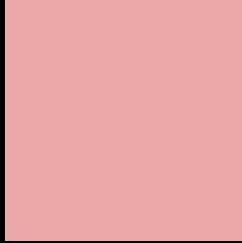
Large Text (above 18pt) WCAG AA × Fail

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 48.1415, 0.3771, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

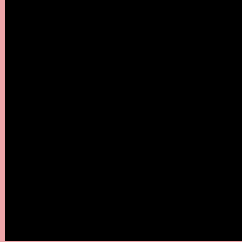
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1415, 0.3771, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 48.1415, 0.3771, 0.3258.



This preview shows how white text looks on a background with the Yxy color 48.1415, 0.3771, 0.3258.

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

48.1415, 0.3771, 0.3258

Protanopia

48.3545, 0.3209, 0.3354

Deuteranopia

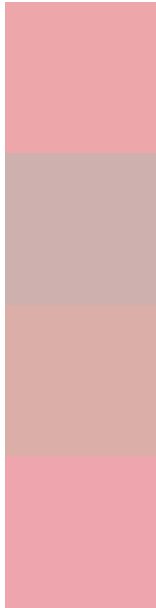
48.1861, 0.3497, 0.3426



Tritanopia

48.2617, 0.3707, 0.3158

Trichromacy



Original Color

48.1415, 0.3771, 0.3258

Protanomaly

47.6612, 0.3403, 0.3315

Deuteranomaly

48.1593, 0.3590, 0.3363

Tritanomaly

48.1434, 0.3735, 0.3191

Monochromacy



Original Color

48.1415, 0.3771, 0.3258

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1005, 0.3346, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1415, 0.3771, 0.3258 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.1415, 0.3771, 0.3258 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, 169) }
```

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

```
.border{ border-color:rgb(237, 166, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1415, 0.3771, 0.3258 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, 169) }
```

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

```
.background{ background-color: rgb(237,  
166, 169) }
```

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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