

Converting Colors

$Yxy(47.9837, 0.3773, 0.3281)$

Have a look what the booklet for
Yxy(47.9837, 0.3773, 0.3281)
contains.

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Color

Yxy(47.8953, 0.3781, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	ECA6A7
RGB	236, 166, 167
RGB Percent	93%, 65%, 65%
CMY	0.0746, 0.3489, 0.3451
CMYK	0.00, 0.30, 0.29, 0.07
HSL	359°, 65%, 79%
HSV	359°, 30%, 93%
XYZ	55.1942, 47.8953, 42.8883
YIQ	187.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

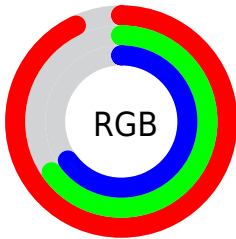
Format	Color
R _Y B	236, 166, 167
Decimal	15509159
CIE Lab	74.76, 25.94, 9.87
CIE LCh	75, 27.759, 20.835
Yxy	47.8953, 0.3781, 0.3281
Android (android.graphics.Color)	4293699239 (0xFFECA6A7)
YUV	187.0440, -9.8817, 42.9344
Hunter-Lab	69.2064, 21.2478, 11.7016

Details

The Yxy color **47.8953, 0.3781, 0.3281** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.0798, 0.2704, 0.3300**, and the grayscale version is **49.7599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2468, 0.3366, 0.3281**, and **22.6318, 0.3978, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **39.3053, 0.4114, 0.3278**, and if you desaturate by 10%, it is **58.2186, 0.3511, 0.3284**.

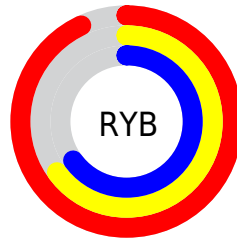
Distribution



Red (93%)

Green (65%)

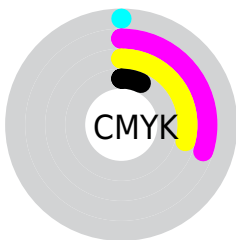
Blue (65%)



Red (93%)

Yellow (65%)

Blue (65%)

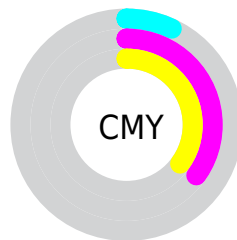


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8953, 0.3781, 0.3281 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 47.8953, 0.3781, 0.3281 by changing the saturation by 10% instead.


 47.8953, 0.3781,
0.3281


 47.8953, 0.3781,
0.3281


378.3770, 0.3453,
0.3292

 33.7440, 0.3863,
0.3276


 87.0485, 0.3661,
0.3287

 22.6970, 0.3969,
0.3268


 112.8192, 0.3617,
0.3288

 14.3699, 0.4109,
0.3256


143.2317, 0.3579,
0.3290

 8.3784, 0.4304,
0.3236

178.6706, 0.3546,
0.3291

 4.3380, 0.4593,
0.3197

219.5202, 0.3518,
0.3291

 1.8644, 0.5059,
0.3114

266.1648, 0.3494,

 0.5268, 0.6894,

0.3292

0.3106

318.9890, 0.3472,
0.3292

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8953, 0.3781,
0.3281

47.8953, 0.3781,
0.3281

39.3053, 0.4114,
0.3278

58.2186, 0.3511,
0.3284

32.3472, 0.4515,
0.3276

70.3557, 0.3294,
0.3287

26.9200, 0.4972,
0.3276

84.3902, 0.3122,
0.3290

22.9082, 0.5453,
0.3278

96.5673, 0.3011,
0.3290

■ 20.1802, 0.5892,
0.3282

■ 18.5797, 0.6217,
0.3289

■ 17.8546, 0.6385,
0.3294

■ 17.8344, 0.6390,
0.3294

Harmonies

Analogous

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



47.8953, 0.3478, 0.2987



47.8953, 0.3781, 0.3281



47.8953, 0.3896, 0.3594

Triad

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



47.8953, 0.3781, 0.3281



47.8953, 0.3128, 0.3900



47.8953, 0.2492, 0.2713

Complementary

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



47.8953, 0.3781, 0.3281



74.0798, 0.2704, 0.3300

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.



47.8953, 0.2414, 0.2915



47.8953, 0.3781, 0.3281



47.8953, 0.2766, 0.3619

Square

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



47.8953, 0.3781, 0.3281



47.8953, 0.3504, 0.3980



47.8953, 0.2510, 0.3245



47.8953, 0.2732, 0.2667

Rectangle

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



47.8953, 0.3781, 0.3281



47.8953, 0.3848, 0.3779



47.8953, 0.2510, 0.3245



47.8953, 0.2447, 0.2763

Sweetspot

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



47.8976, 0.3781, 0.3281



84.8484, 0.3283, 0.3287



50.9634, 0.3152, 0.2551



17.6744, 0.3311, 0.3287



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.



47.8976, 0.3781, 0.3281



50.2227, 0.3990, 0.3279



61.8108, 0.3681, 0.3665



15.0574, 0.3291, 0.3287



9.8353, 0.6386, 0.3291



0.7735, 0.6345, 0.3269

Inverse Universe

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



47.8976, 0.3781, 0.3281



50.2227, 0.3990, 0.3279



56.4802, 0.2654, 0.2882



15.0574, 0.3291, 0.3287



9.8353, 0.6386, 0.3291



0.7735, 0.6345, 0.3269

Previews

White Background



This preview shows how the Yxy color 47.8953, 0.3781, 0.3281 looks on a white background.

Color Contrast Check

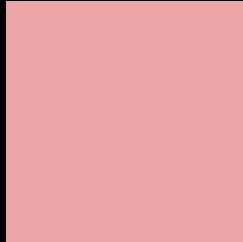
Large Text (above 18pt) WCAG AA × Fail

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 47.8953, 0.3781, 0.3281 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 47.8953, 0.3781, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 47.8953, 0.3781, 0.3281.



This preview shows how white text looks on a background with the Yxy color 47.8953, 0.3781, 0.3281.

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

47.8953, 0.3781, 0.3281

Protanopia

48.2344, 0.3233, 0.3393

Deuteranopia

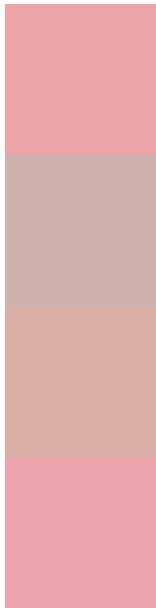
48.1127, 0.3515, 0.3451



Tritanopia

47.7298, 0.3700, 0.3146

Trichromacy



Original Color

47.8953, 0.3781, 0.3281

Protanomaly

47.5832, 0.3420, 0.3340

Deuteranomaly

48.0853, 0.3609, 0.3387

Tritanomaly

47.9319, 0.3736, 0.3202

Monochromacy



Original Color

47.8953, 0.3781, 0.3281

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.5146, 0.3347, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8953, 0.3781, 0.3281 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(236, 166, 167)` looks like.

```
.text, #text, p{  
    color:rgb(236, 166, 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(236, 166, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 166, 167) }
```

Border

The CSS property to change the border of an element to Yxy 47.8953, 0.3781, 0.3281 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(236, 166, 167) }
```

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

```
.border{ border-color:rgb(236, 166, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 166, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(236, 166,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8953, 0.3781, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 166, 167) }
```

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

```
.background{ background-color: rgb(236,  
166, 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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