

Converting Colors

$Y_{xy}(47.7992, 0.3753, 0.3258)$

Have a look what the booklet for
Yxy(47.7992, 0.3753, 0.3258)
contains.

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Color

Yxy(47.7992, 0.3753, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	EBA6A9
RGB	235, 166, 169
RGB Percent	92%, 65%, 66%
CMY	0.0784, 0.3490, 0.3373
CMYK	0.00, 0.29, 0.28, 0.08
HSL	357°, 63%, 79%
HSV	357°, 29%, 92%
XYZ	55.0615, 47.7992, 43.8526
YIQ	186.9730, 40.1610, 15.5610

Conversions

Conversions Part 2

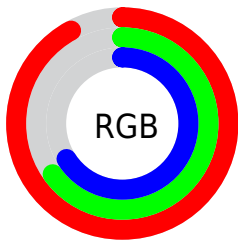
Format	Color
R _Y B	235, 166, 169
Decimal	15443625
CIE Lab	74.70, 25.87, 8.68
CIE LCh	75, 27.288, 18.543
Yxy	47.7992, 0.3753, 0.3258
Android (android.graphics.Color)	4293633705 (0xFFEBA6A9)
YUV	186.9730, -8.8607, 42.1197
Hunter-Lab	69.1370, 21.1699, 10.7891

Details

The Yxy color **47.7992, 0.3753, 0.3258** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.3612, 0.2719, 0.3324**, and the grayscale version is **49.7131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3547, 0.3352, 0.3261**, and **22.5596, 0.3938, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **39.2506, 0.4074, 0.3247**, and if you desaturate by 10%, it is **58.0587, 0.3493, 0.3269**.

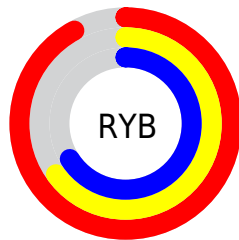
Distribution



Red (92%)

Green (65%)

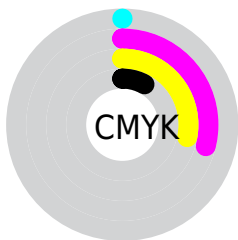
Blue (66%)



Red (92%)

Yellow (65%)

Blue (66%)

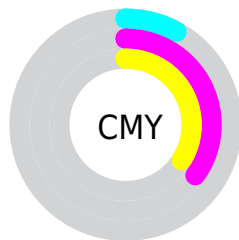


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (8%)



Cyan (8%)


Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7992, 0.3753, 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 47.7992, 0.3753, 0.3258 by changing the saturation by 10% instead.

 47.7992, 0.3753,
0.3258

 47.7992, 0.3753,
0.3258


377.9957, 0.3439,
0.3280

 33.6679, 0.3832,
0.3251


 86.9054, 0.3639,
0.3267

 22.6386, 0.3933,
0.3240


 112.6490, 0.3596,
0.3270

 14.3269, 0.4067,
0.3225


143.0322, 0.3559,
0.3273

 8.3484, 0.4254,
0.3200

178.4394, 0.3528,
0.3275

 4.3187, 0.4532,
0.3156

219.2549, 0.3501,
0.3277

 1.8534, 0.4981,
0.3067

265.8632, 0.3478,

 0.5201, 0.6903,

0.3278

318.6487, 0.3457,
0.3279

0.3097

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7992, 0.3753,
0.3258

47.7992, 0.3753,
0.3258

39.2506, 0.4074,
0.3247

58.0587, 0.3493,
0.3269

32.3135, 0.4460,
0.3238

70.1079, 0.3284,
0.3280

26.8889, 0.4904,
0.3234

84.0289, 0.3118,
0.3291

22.8641, 0.5376,
0.3235

96.4050, 0.3005,
0.3290

■ 20.1104, 0.5820,
0.3245

■ 18.4758, 0.6164,
0.3263

■ 17.7229, 0.6359,
0.3281

■ 17.6873, 0.6367,
0.3281

Harmonies

Analogous

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



47.7992, 0.3445, 0.2972



47.7992, 0.3753, 0.3258



47.7992, 0.3882, 0.3567

Triad

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



47.7992, 0.3753, 0.3258



47.7992, 0.3157, 0.3903



47.7992, 0.2490, 0.2732

Complementary

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



47.7992, 0.3753, 0.3258



73.3612, 0.2719, 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.



47.7992, 0.2426, 0.2942



47.7992, 0.3753, 0.3258



47.7992, 0.2796, 0.3639

Square

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



47.7992, 0.3753, 0.3258



47.7992, 0.3524, 0.3966



47.7992, 0.2534, 0.3274



47.7992, 0.2715, 0.2675

Rectangle

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



47.7992, 0.3753, 0.3258



47.7992, 0.3847, 0.3752



47.7992, 0.2534, 0.3274



47.7992, 0.2450, 0.2786

Sweetspot

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



47.8015, 0.3753, 0.3258



84.8870, 0.3278, 0.3281



50.3548, 0.3132, 0.2553



17.6838, 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.



47.8015, 0.3753, 0.3258



51.3292, 0.3931, 0.3252



60.3768, 0.3682, 0.3637



15.0646, 0.3286, 0.3280



9.8470, 0.6354, 0.3274



0.7770, 0.6230, 0.3205

Inverse Universe

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



47.8015, 0.3753, 0.3258



51.3292, 0.3931, 0.3252



57.2724, 0.2662, 0.2915



15.0646, 0.3286, 0.3280



9.8470, 0.6354, 0.3274



0.7770, 0.6230, 0.3205

Previews

White Background



This preview shows how the Yxy color 47.7992, 0.3753, 0.3258 looks on a white background.

Color Contrast Check

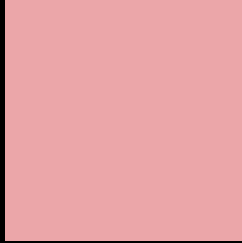
Large Text (above 18pt) WCAG AA × Fail

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 47.7992, 0.3753, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

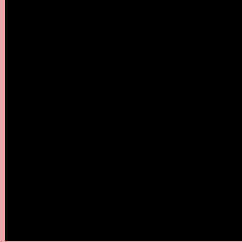
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7992, 0.3753, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 47.7992, 0.3753, 0.3258.



This preview shows how white text looks on a background with the Yxy color 47.7992, 0.3753, 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

47.7992, 0.3753, 0.3258

Protanopia

47.9001, 0.3218, 0.3354

Deuteranopia

48.0407, 0.3488, 0.3427



Tritanopia

47.9175, 0.3688, 0.3157

Trichromacy



Original Color

47.7992, 0.3753, 0.3258

Protanomaly

47.6612, 0.3403, 0.3315

Deuteranomaly

48.0047, 0.3581, 0.3363

Tritanomaly

47.7991, 0.3717, 0.3190

Monochromacy



Original Color

47.7992, 0.3753, 0.3258

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.3729, 0.3338, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7992, 0.3753, 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(235, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 166, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.7992, 0.3753, 0.3258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

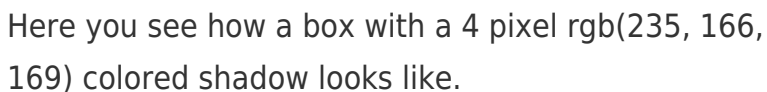
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 166, 169) }
```

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

```
.border{ border-color:rgb(235, 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(235, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(235, 166,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7992, 0.3753, 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(235, 166, 169) }
```

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

```
.background{ background-color: rgb(235,  
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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