

Converting Colors

$Yxy(47.7489, 0.3743, 0.3290)$

Have a look what the booklet for
Yxy(47.7489, 0.3743, 0.3290)
contains.

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Color

Yxy(47.7511, 0.3750, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E9A7A7
RGB	233, 167, 167
RGB Percent	91%, 65%, 65%
CMY	0.0863, 0.3450, 0.3451
CMYK	0.00, 0.28, 0.28, 0.09
HSL	0°, 60%, 78%
HSV	0°, 28%, 91%
XYZ	54.3945, 47.7511, 42.9064
YIQ	186.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

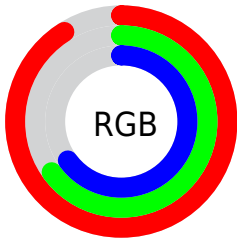
Format	Color
R _Y B	233, 167, 167
Decimal	15312807
CIE Lab	74.67, 24.31, 9.70
CIE LCh	75, 26.175, 21.741
Yxy	47.7511, 0.3750, 0.3292
Android (android.graphics.Color)	4293502887 (0xFFE9A7A7)
YUV	186.7340, -9.7289, 40.5753
Hunter-Lab	69.1022, 19.5793, 11.5576

Details

The Yxy color $47.7511, 0.3750, 0.3292$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $72.3585, 0.2717, 0.3289$, and the grayscale version is $49.5765, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7765, 0.3365, 0.3291$, and $22.7294, 0.3930, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $39.1876, 0.4079, 0.3293$, and if you desaturate by 10%, it is $58.0113, 0.3484, 0.3291$.

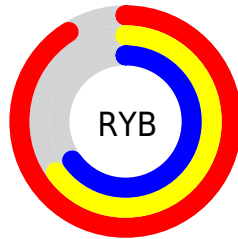
Distribution



Red (91%)

Green (65%)

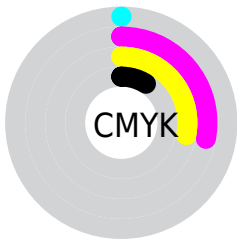
Blue (65%)



Red (91%)

Yellow (65%)

Blue (65%)

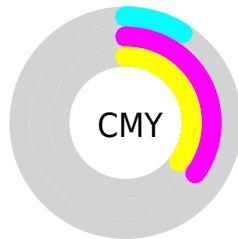


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7511, 0.3750, 0.3292 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 47.7511, 0.3750, 0.3292 by changing the saturation by 10% instead.


 47.7511, 0.3750,
0.3292

 47.7511, 0.3750,
0.3292


377.8047, 0.3437,
0.3298

 33.6298, 0.3828,
0.3289


 86.8337, 0.3636,
0.3295

 22.6094, 0.3929,
0.3283

 112.5638, 0.3593,
0.3296

 14.3053, 0.4063,
0.3274


142.9323, 0.3557,
0.3297

 8.3333, 0.4250,
0.3258

178.3236, 0.3526,
0.3297

 4.3090, 0.4527,
0.3226

219.1221, 0.3499,
0.3297

 1.8479, 0.4975,
0.3154

265.7122, 0.3476,

 0.5167, 0.6821,

0.3298

0.3179

318.4783, 0.3455,
0.3298

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7511, 0.3750,
0.3292

47.7511, 0.3750,
0.3292

39.1876, 0.4079,
0.3293

58.0113, 0.3484,
0.3291

32.2231, 0.4476,
0.3294

70.0456, 0.3271,
0.3290

26.7607, 0.4932,
0.3296

83.9346, 0.3101,
0.3290

22.6897, 0.5416,
0.3297

96.0615, 0.2993,
0.3290

■ 19.8846, 0.5864,
0.3298

■ 18.1972, 0.6200,
0.3299

■ 17.4161, 0.6378,
0.3300

■ 17.3228, 0.6401,
0.3300

Harmonies

Analogous

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



47.7511, 0.3469, 0.3011



47.7511, 0.3750, 0.3292



47.7511, 0.3852, 0.3588

Triad

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



47.7511, 0.3750, 0.3292



47.7511, 0.3118, 0.3858



47.7511, 0.2531, 0.2741

Complementary

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



47.7511, 0.3750, 0.3292



72.3585, 0.2717, 0.3289

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.



47.7511, 0.2452, 0.2929



47.7511, 0.3750, 0.3292



47.7511, 0.2777, 0.3590

Square

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



47.7511, 0.3750, 0.3292



47.7511, 0.3474, 0.3941



47.7511, 0.2538, 0.3238



47.7511, 0.2763, 0.2701

Rectangle

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



47.7511, 0.3750, 0.3292



47.7511, 0.3804, 0.3761



47.7511, 0.2538, 0.3238



47.7511, 0.2486, 0.2788

Sweetspot

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



47.7534, 0.3750, 0.3292



86.4259, 0.3266, 0.3290



50.8397, 0.3160, 0.2586



17.9878, 0.3295, 0.3291



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.



47.7534, 0.3750, 0.3292



52.2228, 0.3934, 0.3293



61.4159, 0.3648, 0.3659



15.0547, 0.3293, 0.3291



9.8308, 0.6401, 0.3300



0.7722, 0.6400, 0.3300

Inverse Universe

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



72.3585, 0.2717, 0.3289



87.0835, 0.2644, 0.3288



55.4020, 0.2675, 0.2889



17.1212, 0.2981, 0.3290



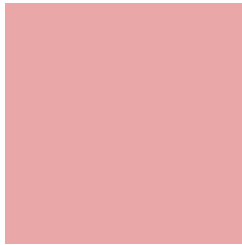
36.3873, 0.2246, 0.3287



2.8575, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 47.7511, 0.3750, 0.3292 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 47.7511, 0.3750, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

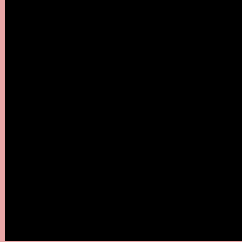
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7511, 0.3750, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 47.7511, 0.3750, 0.3292.



This preview shows how white text looks on a background with the Yxy color 47.7511, 0.3750, 0.3292.

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

47.7511, 0.3750, 0.3292

Protanopia

47.8204, 0.3234, 0.3380

Deuteranopia

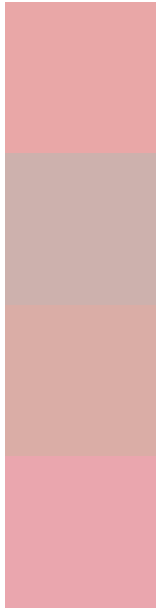
47.7162, 0.3517, 0.3439



Tritanopia

47.6170, 0.3660, 0.3145

Trichromacy



Original Color

47.7511, 0.3750, 0.3292

Protanomaly

47.4405, 0.3411, 0.3340

Deuteranomaly

47.5457, 0.3602, 0.3375

Tritanomaly

47.8209, 0.3695, 0.3201

Monochromacy



Original Color

47.7511, 0.3750, 0.3292

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.7752, 0.3337, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7511, 0.3750, 0.3292 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(233, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(233, 167, 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(233, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 167, 167) }
```

Border

The CSS property to change the border of an element to Yxy 47.7511, 0.3750, 0.3292 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(233, 167, 167) }
```

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

```
.border{ border-color:rgb(233, 167, 167) }
```

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

Here you see how a box with a 4 pixel rgb(233, 167, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(233, 167,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7511, 0.3750, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 167, 167) }
```

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

```
.background{ background-color: rgb(233,  
167, 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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