

Converting Colors

$Y_{xy}(47.3240, 0.3786, 0.3282)$

Have a look what the booklet for
Yxy(47.3240, 0.3786, 0.3282)
contains.

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Color

Yxy(47.3256, 0.3785, 0.3281)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBA5A6 |
| RGB | 235, 165, 166 |
| RGB Percent | 92%, 65%, 65% |
| CMY | 0.0785, 0.3529, 0.3491 |
| CMYK | 0.00, 0.30, 0.29, 0.08 |
| HSL | 359°, 64%, 78% |
| HSV | 359°, 30%, 92% |
| XYZ | 54.5954, 47.3256, 42.3204 |
| YIQ | 186.0440, 41.3990, 15.1510 |

Conversions

Conversions Part 2

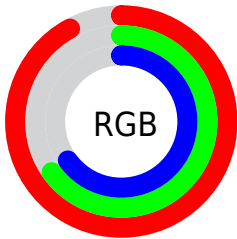
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 165, 166 |
| Decimal | 15443366 |
| CIE Lab | 74.40, 25.99, 9.90 |
| CIE LCh | 74, 27.809, 20.855 |
| Yxy | 47.3256, 0.3785, 0.3281 |
| Android (android.graphics.Color) | 4293633446 (0xFFEBA5A6) |
| YUV | 186.0440, -9.8817, 42.9344 |
| Hunter-Lab | 68.7936, 21.2708, 11.6815 |

Details

The Yxy color **47.3256, 0.3785, 0.3281** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.3559, 0.2703, 0.3300**, and the grayscale version is **49.1682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6669, 0.3374, 0.3281**, and **22.4901, 0.3979, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **38.8394, 0.4119, 0.3278**, and if you desaturate by 10%, it is **57.5270, 0.3514, 0.3284**.

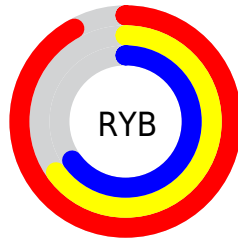
Distribution



Red (92%)

Green (65%)

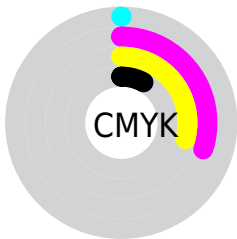
Blue (65%)



Red (92%)

Yellow (65%)

Blue (65%)

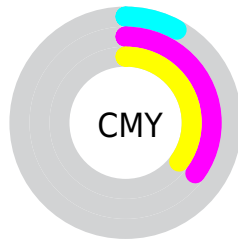


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (8%)



Cyan (8%)


Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3256, 0.3785, 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 47.3256, 0.3785, 0.3281 by changing the saturation by 10% instead.


 47.3256, 0.3785,
0.3281


 47.3256, 0.3785,
0.3281


376.1127, 0.3454,
0.3293

 33.2931, 0.3868,
0.3276

 86.1994, 0.3664,
0.3287

 22.3511, 0.3975,
0.3268


 111.8096, 0.3619,
0.3289

 14.1151, 0.4117,
0.3256


142.0478, 0.3581,
0.3290

 8.2008, 0.4315,
0.3235

177.2984, 0.3548,
0.3291

 4.2237, 0.4609,
0.3195

217.9457, 0.3520,
0.3291

 1.7995, 0.5085,
0.3109

264.3743, 0.3495,

 0.4868, 0.6977,

0.3292

0.3023

316.9685, 0.3473,
0.3292

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3256, 0.3785,
0.3281

47.3256, 0.3785,
0.3281

38.8394, 0.4119,
0.3278

57.5270, 0.3514,
0.3284

31.9679, 0.4521,
0.3276

69.5233, 0.3297,
0.3287

26.6109, 0.4978,
0.3276

83.3975, 0.3124,
0.3290

22.6540, 0.5458,
0.3278

96.4011, 0.3005,
0.3290

■ 19.9666, 0.5897,
0.3282

■ 18.3937, 0.6219,
0.3289

■ 17.6805, 0.6387,
0.3294

■ 17.6682, 0.6390,
0.3294

Harmonies

Analogous

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



47.3256, 0.3480, 0.2985



47.3256, 0.3785, 0.3281



47.3256, 0.3900, 0.3595

Triad

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



47.3256, 0.3785, 0.3281



47.3256, 0.3127, 0.3903



47.3256, 0.2489, 0.2710

Complementary

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



47.3256, 0.3785, 0.3281



73.3559, 0.2703, 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.



47.3256, 0.2410, 0.2912



47.3256, 0.3785, 0.3281



47.3256, 0.2764, 0.3620

Square

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



47.3256, 0.3785, 0.3281



47.3256, 0.3506, 0.3984



47.3256, 0.2507, 0.3244



47.3256, 0.2730, 0.2664

Rectangle

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



47.3256, 0.3785, 0.3281



47.3256, 0.3852, 0.3781



47.3256, 0.2507, 0.3244



47.3256, 0.2444, 0.2760

Sweetspot

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



47.3278, 0.3785, 0.3281



84.8484, 0.3283, 0.3287



50.3755, 0.3152, 0.2548



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.



47.3278, 0.3785, 0.3281



50.2225, 0.3991, 0.3279



61.1497, 0.3684, 0.3667



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.



47.3278, 0.3785, 0.3281



50.2225, 0.3991, 0.3279



55.8506, 0.2652, 0.2880



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 47.3256, 0.3785, 0.3281 looks on a white background.

Color Contrast Check

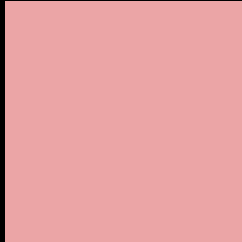
Large Text (above 18pt) WCAG AA × Fail

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 47.3256, 0.3785, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

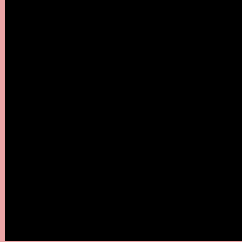
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3256, 0.3785, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 47.3256, 0.3785, 0.3281.



This preview shows how white text looks on a background with the Yxy color 47.3256, 0.3785, 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

47.3256, 0.3785, 0.3281

Protanopia

47.6535, 0.3234, 0.3393

Deuteranopia

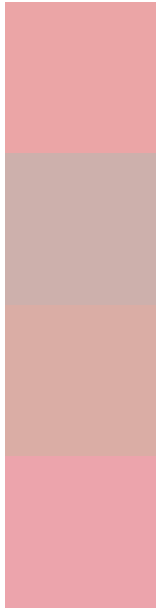
47.5345, 0.3517, 0.3452



Tritanopia

47.1618, 0.3703, 0.3145

Trichromacy



Original Color

47.3256, 0.3785, 0.3281

Protanomaly

47.0084, 0.3422, 0.3341

Deuteranomaly

47.5092, 0.3611, 0.3387

Tritanomaly

47.3623, 0.3739, 0.3202

Monochromacy



Original Color

47.3256, 0.3785, 0.3281

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.9328, 0.3349, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3256, 0.3785, 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(235, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(235, 165, 166)  
}
```

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, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 165, 166) }
```

Border

The CSS property to change the border of an element to Yxy 47.3256, 0.3785, 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(235, 165, 166) }
```

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

```
.border{ border-color:rgb(235, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 165, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 165, 166); box-shadow:4px 4px 4px 4px rgb(235, 165, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3256, 0.3785, 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(235, 165, 166) }
```

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

```
.background{ background-color: rgb(235,  
165, 166) }
```

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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