

Converting Colors

$Y_{xy}(36.8790, 0.4112, 0.3328)$

Have a look what the booklet for
Yxy(36.8790, 0.4112, 0.3328)
contains.

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Color

Yxy(36.8932, 0.4111, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	E38C89
RGB	227, 140, 137
RGB Percent	89%, 55%, 54%
CMY	0.1098, 0.4510, 0.4627
CMYK	0.00, 0.38, 0.40, 0.11
HSL	2°, 62%, 71%
HSV	2°, 40%, 89%
XYZ	45.5733, 36.8932, 28.3905
YIQ	165.6710, 52.8150, 17.5110

Conversions

Conversions Part 2

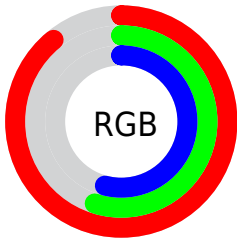
Format	Color
R _Y B	227, 140, 137
Decimal	14912649
CIE Lab	67.20, 32.74, 15.67
CIE LCh	67, 36.296, 25.579
Yxy	36.8932, 0.4111, 0.3328
Android (android.graphics.Color)	4293102729 (0xFFE38C89)
YUV	165.6710, -14.1348, 53.7855
Hunter-Lab	60.7398, 27.6347, 14.8050

Details

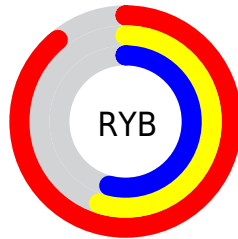
The Yxy color **36.8932, 0.4111, 0.3328** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1834, 0.2575, 0.3251**, and the grayscale version is **38.0179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5613, 0.3662, 0.3333**, and **16.1026, 0.4433, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **30.5238, 0.4506, 0.3337**, and if you desaturate by 10%, it is **44.6822, 0.3781, 0.3318**.

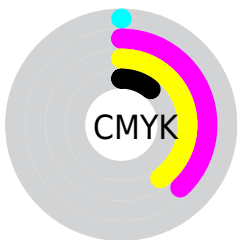
Distribution



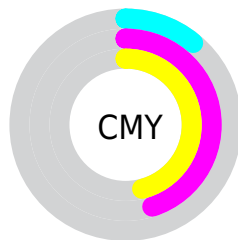
- Red (89%)
- Green (55%)
- Blue (54%)



- Red (89%)
- Yellow (55%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (40%)
- Black (11%)




- Cyan (11%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8932, 0.4111, 0.3328 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 36.8932, 0.4111, 0.3328 by changing the saturation by 10% instead.


 36.8932, 0.4111,
0.3328


 36.8932, 0.4111,
0.3328


332.8479, 0.3595,
0.3325


 25.1248, 0.4247,
0.3323


 70.4085, 0.3918,
0.3331

 16.1701, 0.4425,
0.3312


 92.9242, 0.3847,
0.3331

 9.6446, 0.4667,
0.3290


 119.7911, 0.3788,
0.3331

 5.1639, 0.5015,
0.3246

151.3937, 0.3738,
0.3330

 2.3438, 0.5545,
0.3144

188.1162, 0.3694,
0.3329

 0.7967, 0.6905,
0.3095

230.3432, 0.3657,


 0.0000, 1.0000,

0.3327


0.0000


278.4589, 0.3624,
0.3326


 0.0000, 0.0000,
0.0000


 36.8932, 0.4111,
0.3328


 36.8932, 0.4111,
0.3328


 30.5238, 0.4506,
0.3337


 44.6822, 0.3781,
0.3318


 25.4834, 0.4957,
0.3343

 53.9633, 0.3512,
0.3308


 21.6796, 0.5431,
0.3344

 64.8107, 0.3295,
0.3299

 19.0059, 0.5869,
0.3338

 77.2921, 0.3122,
0.3290

 17.3377, 0.6198,
0.3326

 91.4710, 0.2982,
0.3282

■ 16.5139, 0.6377,
0.3314

■ 95.0713, 0.2958,
0.3290

■ 16.4951, 0.6382,
0.3315

Harmonies

Analogous

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



36.8932, 0.3706, 0.2922



36.8932, 0.4111, 0.3328



36.8932, 0.4218, 0.3756

Triad

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



36.8932, 0.4111, 0.3328



36.8932, 0.3027, 0.4137



36.8932, 0.2283, 0.2459

Complementary

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



36.8932, 0.4111, 0.3328



64.1834, 0.2575, 0.3251

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.



36.8932, 0.2141, 0.2689



36.8932, 0.4111, 0.3328



36.8932, 0.2542, 0.3680

Square

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



36.8932, 0.4111, 0.3328



36.8932, 0.3565, 0.4289



36.8932, 0.2229, 0.3126



36.8932, 0.2637, 0.2440

Rectangle

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



36.8932, 0.4111, 0.3328



36.8932, 0.4109, 0.4012



36.8932, 0.2229, 0.3126



36.8932, 0.2211, 0.2511

Sweetspot

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



36.8950, 0.4111, 0.3328



80.7397, 0.3344, 0.3301



39.6900, 0.3186, 0.2330



16.8731, 0.3371, 0.3302



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.



36.8950, 0.4111, 0.3328



40.7394, 0.4450, 0.3336



52.2146, 0.3903, 0.3828



14.4443, 0.3292, 0.3298



9.6530, 0.6376, 0.3320



0.7406, 0.6306, 0.3375

Inverse Universe

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



64.1834, 0.2575, 0.3251



81.1261, 0.2483, 0.3242



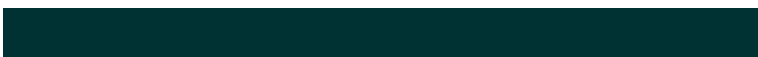
43.7136, 0.2487, 0.2677



16.2499, 0.2982, 0.3282



32.9562, 0.2218, 0.3186



2.4613, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 36.8932, 0.4111, 0.3328 looks on a white background.

Color Contrast Check

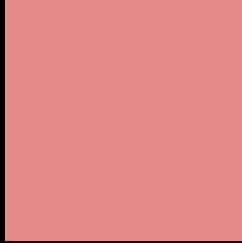
Large Text (above 18pt) WCAG AA × Fail

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 36.8932, 0.4111, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

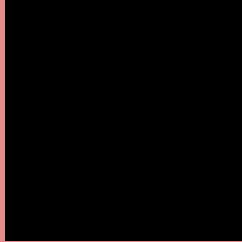
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8932, 0.4111, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 36.8932, 0.4111, 0.3328.



This preview shows how white text looks on a background with the Yxy color 36.8932, 0.4111, 0.3328.

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

36.8932, 0.4111, 0.3328

Protanopia

36.9104, 0.3320, 0.3491

Deuteranopia

37.1221, 0.3680, 0.3618



Tritanopia

36.8409, 0.3994, 0.3164

Trichromacy



Original Color

36.8932, 0.4111, 0.3328

Protanomaly

36.5634, 0.3591, 0.3427

Deuteranomaly

36.5790, 0.3834, 0.3500

Tritanomaly

37.0036, 0.4035, 0.3222

Monochromacy



Original Color

36.8932, 0.4111, 0.3328

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1719, 0.3456, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8932, 0.4111, 0.3328 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(227, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(227, 140, 137)  
}
```

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(227, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 140, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.8932, 0.4111, 0.3328 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(227, 140, 137) }
```

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

```
.border{ border-color:rgb(227, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 140, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 140, 137); box-shadow:4px 4px 4px 4px rgb(227, 140, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8932, 0.4111, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 140, 137) }
```

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

```
.background{ background-color: rgb(227,  
140, 137) }
```

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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