

Converting Colors

$Yxy(36.2897, 0.4371, 0.3356)$

Have a look what the booklet for
Yxy(36.2897, 0.4371, 0.3356)
contains.

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Color

Yxy(36.4845, 0.4373, 0.3360)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EE857F |
| RGB | 238, 133, 127 |
| RGB Percent | 93%, 52%, 50% |
| CMY | 0.0666, 0.4785, 0.5020 |
| CMYK | 0.00, 0.44, 0.47, 0.07 |
| HSL | 3°, 77%, 72% |
| HSV | 3°, 47%, 93% |
| XYZ | 47.4841, 36.4845, 24.6162 |
| YIQ | 163.7110, 64.5060, 20.3940 |

Conversions

Conversions Part 2

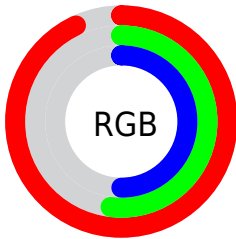
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 238, 133, 127 |
| Decimal | 15631743 |
| CIE _{Lab} | 66.89, 39.46, 21.07 |
| CIE _{LCh} | 67, 44.737, 28.102 |
| Yxy | 36.4845, 0.4373, 0.3360 |
| Android (android.graphics.Color) | 4293821823 (0xFFEE857F) |
| YUV | 163.7110, -18.0985, 65.1515 |
| Hunter-Lab | 60.4024, 34.6200, 18.1188 |

Details

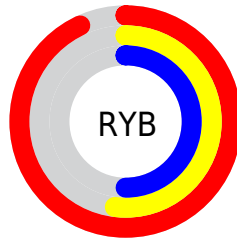
The Yxy color **36.4845, 0.4373, 0.3360** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.4154, 0.2493, 0.3215**, and the grayscale version is **37.0447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5217, 0.3763, 0.3376**, and **15.8999, 0.4758, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **30.4191, 0.4804, 0.3371**, and if you desaturate by 10%, it is **44.0216, 0.4001, 0.3346**.

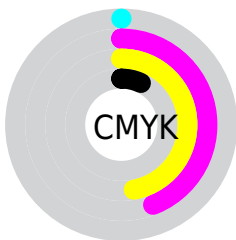
Distribution



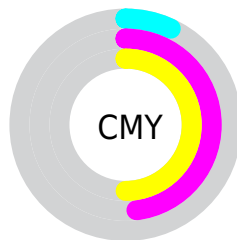
- Red (93%)
- Green (52%)
- Blue (50%)



- Red (93%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (47%)
- Black (7%)





- Cyan (7%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4845, 0.4373, 0.3360 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 36.4845, 0.4373, 0.3360 by changing the saturation by 10% instead.


 36.4845, 0.4373,
0.3360


 36.4845, 0.4373,
0.3360


331.0733, 0.3719,
0.3352


 24.8086, 0.4544,
0.3352


 69.7792, 0.4129,
0.3364

 15.9345, 0.4766,
0.3335


 92.1669, 0.4040,
0.3364

 9.4778, 0.5065,
0.3301


 118.8939, 0.3964,
0.3362

 5.0541, 0.5485,
0.3230

150.3446, 0.3900,
0.3360

 2.2791, 0.6143,
0.3094

186.9036, 0.3846,
0.3358

 0.7626, 0.7243,
0.2757

228.9551, 0.3798,


 0.0000, 1.0000,

0.3356


0.0000


276.8835, 0.3756,
0.3354


 0.0000, 0.0000,
0.0000


 36.4845, 0.4373,
0.3360


 36.4845, 0.4373,
0.3360

 30.4191, 0.4804,
0.3371

 44.0216, 0.4001,
0.3346

 25.7241, 0.5271,
0.3375


 53.1118, 0.3692,
0.3330


 22.2943, 0.5725,
0.3369


 63.8376, 0.3441,
0.3314


 20.0068, 0.6096,
0.3352

 76.2735, 0.3239,
0.3299

 18.7137, 0.6323,
0.3327

 90.4899, 0.3076,
0.3286

 18.4656, 0.6372,
0.3323

 96.9214, 0.3023,
0.3290

Harmonies

Analogous

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



36.4845, 0.3894, 0.2876



36.4845, 0.4373, 0.3360



36.4845, 0.4460, 0.3872

Triad

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



36.4845, 0.4373, 0.3360



36.4845, 0.2935, 0.4326



36.4845, 0.2132, 0.2271

Complementary

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



36.4845, 0.4373, 0.3360



68.4154, 0.2493, 0.3215

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.



36.4845, 0.1944, 0.2511



36.4845, 0.4373, 0.3360



36.4845, 0.2364, 0.3715

Square

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



36.4845, 0.4373, 0.3360



36.4845, 0.3592, 0.4535



36.4845, 0.2019, 0.3017



36.4845, 0.2570, 0.2277

Rectangle

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



36.4845, 0.4373, 0.3360



36.4845, 0.4294, 0.4185



36.4845, 0.2019, 0.3017



36.4845, 0.2041, 0.2322

Sweetspot

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



36.4864, 0.4373, 0.3360



78.2237, 0.3385, 0.3310



39.2121, 0.3231, 0.2204



16.1020, 0.3432, 0.3313



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.



36.4864, 0.4373, 0.3360



35.8461, 0.4784, 0.3370



55.7064, 0.4060, 0.3961



15.8957, 0.3292, 0.3303



10.3563, 0.6362, 0.3331



0.9094, 0.6261, 0.3411

Inverse Universe

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



68.4154, 0.2493, 0.3215



77.3756, 0.2401, 0.3198



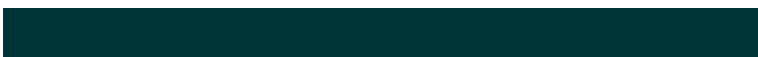
42.1141, 0.2362, 0.2493



17.7741, 0.2981, 0.3277



33.5942, 0.2200, 0.3121



2.8391, 0.2207, 0.3144

Previews

White Background



This preview shows how the Yxy color 36.4845, 0.4373, 0.3360 looks on a white background.

Color Contrast Check

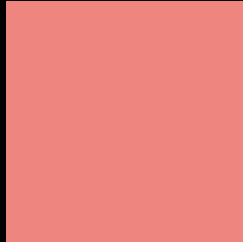
Large Text (above 18pt) WCAG AA × Fail

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 36.4845, 0.4373, 0.3360 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 36.4845, 0.4373, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 36.4845, 0.4373, 0.3360.



This preview shows how white text looks on a background with the Yxy color 36.4845, 0.4373, 0.3360.

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

36.4845, 0.4373, 0.3360

Protanopia

36.7754, 0.3404, 0.3607

Deuteranopia

36.4135, 0.3819, 0.3738



Tritanopia

36.4768, 0.4241, 0.3194

Trichromacy



Original Color

36.4845, 0.4373, 0.3360

Protanomaly

35.8361, 0.3735, 0.3506

Deuteranomaly

36.1904, 0.4027, 0.3596

Tritanomaly

36.6025, 0.4295, 0.3260

Monochromacy



Original Color

36.4845, 0.4373, 0.3360

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0932, 0.3536, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4845, 0.4373, 0.3360 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(238, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(238, 133, 127)  
}
```

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(238, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 133, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.4845, 0.4373, 0.3360 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(238, 133, 127) }
```

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

```
.border{ border-color:rgb(238, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(238, 133,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4845, 0.4373, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 133, 127) }
```

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

```
.background{ background-color: rgb(238,  
133, 127) }
```

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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