

Converting Colors

$Yxy(35.6368, 0.4271, 0.3392)$

Have a look what the booklet for
Yxy(35.6368, 0.4271, 0.3392)
contains.

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Color

Yxy(35.5183, 0.4272, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	E5877F
RGB	229, 135, 127
RGB Percent	90%, 53%, 50%
CMY	0.1019, 0.4706, 0.5020
CMYK	0.00, 0.41, 0.45, 0.10
HSL	5°, 66%, 70%
HSV	5°, 45%, 90%
XYZ	44.8122, 35.5183, 24.5670
YIQ	162.1940, 58.5920, 17.4400

Conversions

Conversions Part 2

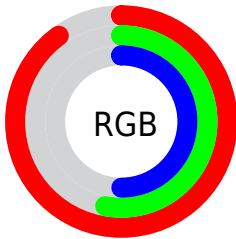
Format	Color
R _Y B	229, 136, 127
Decimal	15042431
CIE Lab	66.15, 35.06, 19.88
CIE LCh	66, 40.304, 29.557
Yxy	35.5183, 0.4272, 0.3386
Android (android.graphics.Color)	4293232511 (0xFFE5877F)
YUV	162.1940, -17.3506, 58.5889
Hunter-Lab	59.5972, 29.9222, 17.2777

Details

The Yxy color **35.5183, 0.4272, 0.3386** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.8883, 0.2511, 0.3187**, and the grayscale version is **36.2895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9505, 0.3760, 0.3386**, and **15.2826, 0.4638, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **29.6728, 0.4682, 0.3403**, and if you desaturate by 10%, it is **42.6703, 0.3921, 0.3365**.

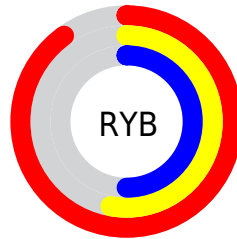
Distribution



Red (90%)

Green (53%)

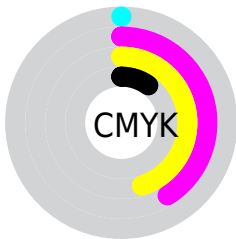
Blue (50%)



Red (90%)

Yellow (53%)

Blue (50%)

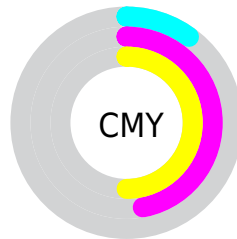


Cyan (0%)

Magenta (41%)

Yellow (45%)

Black (10%)



Cyan (10%)


Magenta (47%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5183, 0.4272, 0.3386 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 35.5183, 0.4272, 0.3386 by changing the saturation by 10% instead.


 35.5183, 0.4272,
0.3386


 35.5183, 0.4272,
0.3386


326.8502, 0.3668,
0.3360


 24.0624, 0.4431,
0.3384


 68.2879, 0.4046,
0.3383

 15.3799, 0.4639,
0.3375


 90.3704, 0.3963,
0.3380

 9.0865, 0.4922,
0.3353


 116.7639, 0.3894,
0.3376

 4.7976, 0.5324,
0.3299

147.8528, 0.3835,
0.3373

 2.1290, 0.5971,
0.3194

184.0215, 0.3784,
0.3369

 0.6809, 0.7130,
0.2870

225.6544, 0.3740,


 0.0000, 1.0000,


0.3366


0.0000

273.1358, 0.3702,
0.3363


 0.0000, 0.0000,
0.0000


 35.5183, 0.4272,
0.3386


 35.5183, 0.4272,
0.3386


 29.6728, 0.4682,
0.3403


 42.6703, 0.3921,
0.3365


 25.0497, 0.5136,
0.3412


 51.1954, 0.3630,
0.3342

 21.5637, 0.5591,
0.3407


 61.1622, 0.3393,
0.3320


 19.1161, 0.5988,
0.3387

 72.6331, 0.3202,
0.3299

 17.5914, 0.6260,
0.3353

 85.6669, 0.3047,
0.3280

 17.0935, 0.6353,
0.3338

 95.4016, 0.2970,
0.3290

Harmonies

Analogous

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



35.5183, 0.3852, 0.2933



35.5183, 0.4272, 0.3386



35.5183, 0.4338, 0.3857

Triad

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



35.5183, 0.4272, 0.3386



35.5183, 0.2930, 0.4202



35.5183, 0.2227, 0.2350

Complementary

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



35.5183, 0.4272, 0.3386



61.8883, 0.2511, 0.3187

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.



35.5183, 0.2040, 0.2565



35.5183, 0.4272, 0.3386



35.5183, 0.2411, 0.3645

Square

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



35.5183, 0.4272, 0.3386



35.5183, 0.3531, 0.4419



35.5183, 0.2100, 0.3021



35.5183, 0.2645, 0.2362

Rectangle

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



35.5183, 0.4272, 0.3386



35.5183, 0.4181, 0.4137



35.5183, 0.2100, 0.3021



35.5183, 0.2138, 0.2395

Sweetspot

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



35.5201, 0.4272, 0.3386



80.0807, 0.3362, 0.3317



37.1221, 0.3242, 0.2265



16.4878, 0.3409, 0.3322



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.



35.5201, 0.4272, 0.3386



38.7003, 0.4629, 0.3401



52.8102, 0.3998, 0.3949



14.5488, 0.3291, 0.3309



9.8387, 0.6340, 0.3348



0.7907, 0.6184, 0.3471

Inverse Universe

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



61.8883, 0.2511, 0.3187



76.1389, 0.2421, 0.3164



39.3710, 0.2394, 0.2514



16.1325, 0.2982, 0.3271



29.9601, 0.2179, 0.3043



2.2718, 0.2190, 0.3082

Previews

White Background



This preview shows how the Yxy color 35.5183, 0.4272, 0.3386 looks on a white background.

Color Contrast Check

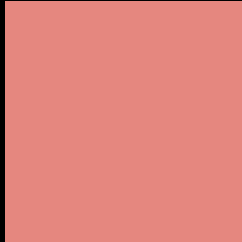
Large Text (above 18pt) WCAG AA × Fail

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 35.5183, 0.4272, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

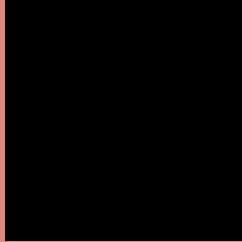
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5183, 0.4272, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 35.5183, 0.4272, 0.3386.



This preview shows how white text looks on a background with the Yxy color 35.5183, 0.4272, 0.3386.

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

35.5183, 0.4272, 0.3386

Protanopia

35.7888, 0.3407, 0.3611

Deuteranopia

35.6916, 0.3792, 0.3730



Tritanopia

35.5510, 0.4117, 0.3189

Trichromacy



Original Color

35.5183, 0.4272, 0.3386

Protanomaly

35.2821, 0.3703, 0.3523

Deuteranomaly

35.4724, 0.3974, 0.3603

Tritanomaly

35.6793, 0.4171, 0.3258

Monochromacy



Original Color

35.5183, 0.4272, 0.3386

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.0655, 0.3507, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5183, 0.4272, 0.3386 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(229, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(229, 135, 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(229, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 135, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.5183, 0.4272, 0.3386 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(229, 135, 127) }
```

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

```
.border{ border-color:rgb(229, 135, 127) }
```

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

Here you see how a box with a 4 pixel rgb(229, 135, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(229, 135,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5183, 0.4272, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 135, 127) }
```

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

```
.background{ background-color: rgb(229,  
135, 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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