

Converting Colors

$Yxy(36.1857, 0.4318, 0.3471)$

Have a look what the booklet for
Yxy(36.1857, 0.4318, 0.3471)
contains.

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Color

Yxy(36.4051, 0.4321, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	E68A7A
RGB	230, 138, 122
RGB Percent	90%, 54%, 48%
CMY	0.0979, 0.4589, 0.5216
CMYK	0.00, 0.40, 0.47, 0.10
HSL	9°, 68%, 69%
HSV	9°, 47%, 90%
XYZ	45.2420, 36.4051, 23.0555
YIQ	163.6840, 59.9680, 14.5280

Conversions

Conversions Part 2

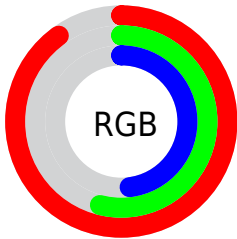
Format	Color
R _Y B	230, 141, 122
Decimal	15108730
CIE Lab	66.83, 33.38, 23.60
CIE LCh	67, 40.878, 35.264
Yxy	36.4051, 0.4321, 0.3477
Android (android.graphics.Color)	4293298810 (0xFFE68A7A)
YUV	163.6840, -20.5502, 58.1591
Hunter-Lab	60.3366, 28.2549, 19.5801

Details

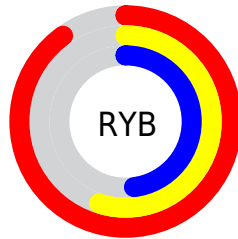
The Yxy color **36.4051, 0.4321, 0.3477** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.9693, 0.2467, 0.3084**, and the grayscale version is **37.0451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0544, 0.3793, 0.3470**, and **15.7945, 0.4703, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **30.7776, 0.4720, 0.3507**, and if you desaturate by 10%, it is **43.1859, 0.3974, 0.3439**.

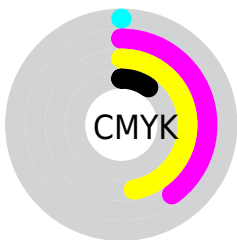
Distribution



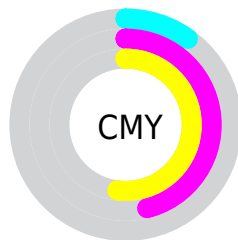
- Red (90%)
- Green (54%)
- Blue (48%)



- Red (90%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (10%)





- Cyan (10%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4051, 0.4321, 0.3477 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 36.4051, 0.4321, 0.3477 by changing the saturation by 10% instead.


 36.4051, 0.4321,
0.3477


 36.4051, 0.4321,
0.3477


330.7277, 0.3695,
0.3408

 24.7472, 0.4484,
0.3484


 69.6569, 0.4088,
0.3459

 15.8888, 0.4697,
0.3487


 92.0196, 0.4002,
0.3450

 9.4455, 0.4982,
0.3478


 118.7193, 0.3930,
0.3442

 5.0329, 0.5382,
0.3439

150.1405, 0.3868,
0.3434

 2.2666, 0.6059,
0.3377

186.6675, 0.3816,
0.3427

 0.7559, 0.6971,
0.3029

228.6848, 0.3770,

 0.0000, 1.0000,

0.3420

0.0000

276.5768, 0.3730,
0.3414

0.0000, 0.0000,
0.0000

36.4051, 0.4321,
0.3477

36.4051, 0.4321,
0.3477

30.7776, 0.4720,
0.3507

43.1859, 0.3974,
0.3439

26.2337, 0.5153,
0.3521

51.1738, 0.3682,
0.3397

22.7045, 0.5583,
0.3512

60.4258, 0.3441,
0.3355

20.1108, 0.5956,
0.3475

70.9935, 0.3243,
0.3316

18.3604, 0.6218,
0.3414

82.9259, 0.3081,
0.3279

■ 17.9743, 0.6278,
0.3397

■ 95.5681, 0.2976,
0.3290

Harmonies

Analogous

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



36.4051, 0.3959, 0.3013



36.4051, 0.4321, 0.3477



36.4051, 0.4315, 0.3945

Triad

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



36.4051, 0.4321, 0.3477



36.4051, 0.2818, 0.4122



36.4051, 0.2285, 0.2330

Complementary

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



36.4051, 0.4321, 0.3477



57.9693, 0.2467, 0.3084

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.



36.4051, 0.2052, 0.2501



36.4051, 0.4321, 0.3477



36.4051, 0.2329, 0.3524

Square

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



36.4051, 0.4321, 0.3477



36.4051, 0.3419, 0.4417



36.4051, 0.2064, 0.2915



36.4051, 0.2745, 0.2383

Rectangle

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



36.4051, 0.4321, 0.3477



36.4051, 0.4116, 0.4210



36.4051, 0.2064, 0.2915



36.4051, 0.2181, 0.2361

Sweetspot

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



36.4069, 0.4321, 0.3477



80.0152, 0.3380, 0.3344



35.6867, 0.3319, 0.2280



16.5316, 0.3425, 0.3352



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.



36.4069, 0.4321, 0.3477



39.2999, 0.4693, 0.3506



55.2428, 0.4016, 0.4059



14.7104, 0.3289, 0.3325



10.2814, 0.6258, 0.3413



0.8676, 0.6015, 0.3606

Inverse Universe

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



57.9693, 0.2467, 0.3084



69.4495, 0.2367, 0.3036



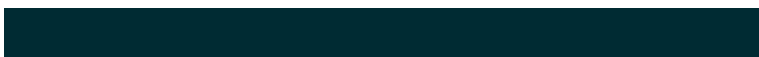
35.5575, 0.2335, 0.2361



15.9538, 0.2981, 0.3254



25.7194, 0.2115, 0.2815



1.9999, 0.2136, 0.2891

Previews

White Background



This preview shows how the Yxy color 36.4051, 0.4321, 0.3477 looks on a white background.

Color Contrast Check

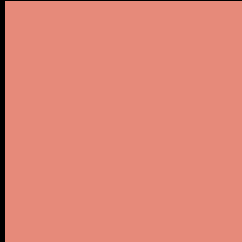
Large Text (above 18pt) WCAG AA × Fail

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 36.4051, 0.4321, 0.3477 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 36.4051, 0.4321, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 36.4051, 0.4321, 0.3477.



This preview shows how white text looks on a background with the Yxy color 36.4051, 0.4321, 0.3477.

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

36.4051, 0.4321, 0.3477

Protanopia

36.7721, 0.3498, 0.3722

Deuteranopia

36.4463, 0.3869, 0.3789



Tritanopia

36.5281, 0.4094, 0.3178

Trichromacy



Original Color

36.4051, 0.4321, 0.3477

Protanomaly

36.1655, 0.3788, 0.3628

Deuteranomaly

35.9728, 0.4032, 0.3664

Tritanomaly

36.4034, 0.4171, 0.3282

Monochromacy



Original Color

36.4051, 0.4321, 0.3477

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3040, 0.3520, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4051, 0.4321, 0.3477 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(230, 138, 122)` looks like.

```
.text, #text, p{  
    color:rgb(230, 138, 122)  
}
```

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(230, 138, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 138, 122) }
```

Border

The CSS property to change the border of an element to Yxy 36.4051, 0.4321, 0.3477 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(230, 138, 122) }
```

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

```
.border{ border-color:rgb(230, 138, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 138, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 138, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 138, 122);  
box-shadow:4px 4px 4px 4px rgb(230, 138,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4051, 0.4321, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 138, 122) }
```

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

```
.background{ background-color: rgb(230,  
138, 122) }
```

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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