

Converting Colors

Yxy(36.8436, 0.4209, 0.3445)

Have a look what the booklet for
Yxy(36.8436, 0.4209, 0.3445)
contains.

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Color

Yxy(36.9392, 0.4207, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	E38D80
RGB	227, 141, 128
RGB Percent	89%, 55%, 50%
CMY	0.1096, 0.4471, 0.4980
CMYK	0.00, 0.38, 0.44, 0.11
HSL	8°, 64%, 70%
HSV	8°, 44%, 89%
XYZ	45.1098, 36.9392, 25.1766
YIQ	165.2320, 55.4290, 14.1890

Conversions

Conversions Part 2

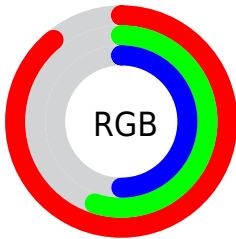
Format	Color
R _Y B	227, 143, 128
Decimal	14912896
CIE Lab	67.23, 31.26, 20.75
CIE LCh	67, 37.517, 33.573
Yxy	36.9392, 0.4207, 0.3445
Android (android.graphics.Color)	4293102976 (0xFFE38D80)
YUV	165.2320, -18.3554, 54.1705
Hunter-Lab	60.7776, 26.1237, 17.9840

Details

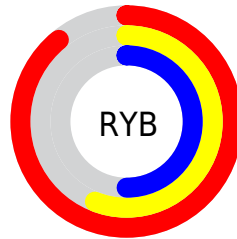
The Yxy color **36.9392, 0.4207, 0.3445** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2644, 0.2510, 0.3123**, and the grayscale version is **37.8147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6264, 0.3733, 0.3438**, and **16.3119, 0.4544, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **31.1002, 0.4595, 0.3475**, and if you desaturate by 10%, it is **43.9519, 0.3875, 0.3410**.

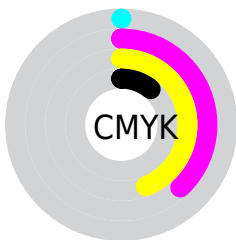
Distribution



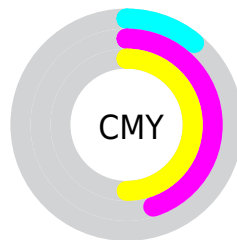
- Red (89%)
- Green (55%)
- Blue (50%)



- Red (89%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9392, 0.4207, 0.3445 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 36.9392, 0.4207, 0.3445 by changing the saturation by 10% instead.


 36.9392, 0.4207,
0.3445


 36.9392, 0.4207,
0.3445


333.0472, 0.3641,
0.3387


 25.1604, 0.4355,
0.3452


 70.4793, 0.3996,
0.3429

 16.1966, 0.4548,
0.3455


 93.0093, 0.3918,
0.3422

 9.6634, 0.4809,
0.3449


 119.8920, 0.3853,
0.3415

 5.1764, 0.5178,
0.3421

151.5115, 0.3798,
0.3408

 2.3511, 0.5757,
0.3350

188.2525, 0.3750,
0.3402

 0.8006, 0.6830,
0.3170

230.4991, 0.3709,

 0.0000, 1.0000,

0.3397

0.0000

278.6359, 0.3673,
0.3392

0.0000, 0.0000,
0.0000

36.9392, 0.4207,
0.3445

36.9392, 0.4207,
0.3445

31.1002, 0.4595,
0.3475

43.9519, 0.3875,
0.3410

26.3655, 0.5025,
0.3492

52.1920, 0.3598,
0.3372

22.6664, 0.5468,
0.3491

61.7164, 0.3371,
0.3336

19.9248, 0.5869,
0.3464

72.5769, 0.3186,
0.3302

18.0505, 0.6170,
0.3415

84.8225, 0.3034,
0.3270

■ 17.2535, 0.6299,
0.3380

■ 95.0776, 0.2958,
0.3290

Harmonies

Analogous

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



36.9392, 0.3860, 0.3015



36.9392, 0.4207, 0.3445



36.9392, 0.4225, 0.3878

Triad

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



36.9392, 0.4207, 0.3445



36.9392, 0.2878, 0.4067



36.9392, 0.2334, 0.2408

Complementary

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



36.9392, 0.4207, 0.3445



58.2644, 0.2510, 0.3123

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.



36.9392, 0.2129, 0.2584



36.9392, 0.4207, 0.3445



36.9392, 0.2416, 0.3539

Square

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



36.9392, 0.4207, 0.3445



36.9392, 0.3432, 0.4318



36.9392, 0.2155, 0.2980



36.9392, 0.2750, 0.2444

Rectangle

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



36.9392, 0.4207, 0.3445



36.9392, 0.4057, 0.4122



36.9392, 0.2155, 0.2980



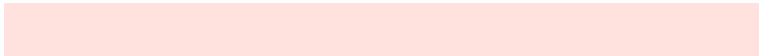
36.9392, 0.2241, 0.2442

Sweetspot

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



36.9410, 0.4207, 0.3445



81.0239, 0.3360, 0.3334



36.7092, 0.3287, 0.2332



16.7171, 0.3406, 0.3342



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.



36.9410, 0.4207, 0.3445



41.3652, 0.4542, 0.3471



54.3252, 0.3950, 0.3989



14.6708, 0.3289, 0.3321



10.1525, 0.6282, 0.3394



0.8489, 0.6055, 0.3575

Inverse Universe

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



58.2644, 0.2510, 0.3123



72.3185, 0.2414, 0.3084



37.3997, 0.2398, 0.2464



15.9972, 0.2982, 0.3258



26.7146, 0.2131, 0.2871



2.0642, 0.2150, 0.2938

Previews

White Background



This preview shows how the Yxy color 36.9392, 0.4207, 0.3445 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 36.9392, 0.4207, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

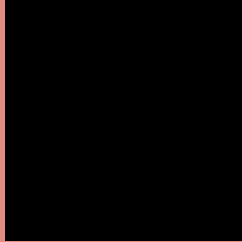
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9392, 0.4207, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 36.9392, 0.4207, 0.3445.



This preview shows how white text looks on a background with the Yxy color 36.9392, 0.4207, 0.3445.

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

36.9392, 0.4207, 0.3445

Protanopia

37.2992, 0.3440, 0.3648

Deuteranopia

36.9321, 0.3805, 0.3722



Tritanopia

36.9731, 0.4016, 0.3176

Trichromacy



Original Color

36.9392, 0.4207, 0.3445

Protanomaly

36.8637, 0.3709, 0.3574

Deuteranomaly

36.6187, 0.3949, 0.3614

Tritanomaly

36.8823, 0.4081, 0.3269

Monochromacy



Original Color

36.9392, 0.4207, 0.3445

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7353, 0.3487, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9392, 0.4207, 0.3445 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, 141, 128)` looks like.

```
.text, #text, p{  
    color:rgb(227, 141, 128)  
}
```

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, 141, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 141, 128) }
```

Border

The CSS property to change the border of an element to Yxy 36.9392, 0.4207, 0.3445 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, 141, 128) }
```

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

```
.border{ border-color:rgb(227, 141, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 141, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 141, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 141, 128);  
box-shadow:4px 4px 4px 4px rgb(227, 141,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9392, 0.4207, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 141, 128) }
```

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

```
.background{ background-color: rgb(227,  
141, 128) }
```

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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