

Converting Colors

$Y_{xy}(36.6160, 0.4262, 0.3408)$

Have a look what the booklet for
Yxy(36.6160, 0.4262, 0.3408)
contains.

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Color

Yxy(36.7244, 0.4263, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	E78A80
RGB	231, 138, 128
RGB Percent	91%, 54%, 50%
CMY	0.0942, 0.4588, 0.4979
CMYK	0.00, 0.40, 0.45, 0.09
HSL	6°, 68%, 70%
HSV	6°, 45%, 91%
XYZ	45.9378, 36.7244, 25.0972
YIQ	164.6670, 58.6380, 16.6060

Conversions

Conversions Part 2

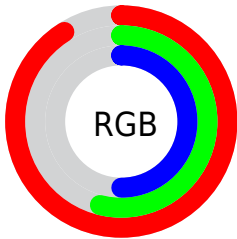
Format	Color
R_{YB}	231, 139, 128
Decimal	15174272
CIE _{Lab}	67.07, 34.33, 20.60
CIE _{LCh}	67, 40.032, 30.965
Yxy	36.7244, 0.4263, 0.3408
Android (android.graphics.Color)	4293364352 (0xFFE78A80)
YUV	164.6670, -18.0768, 58.1740
Hunter-Lab	60.6007, 29.2593, 17.8661

Details

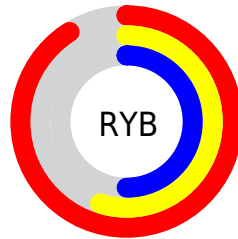
The Yxy color **36.7244, 0.4263, 0.3408** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0719, 0.2506, 0.3163**, and the grayscale version is **37.5283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2955, 0.3742, 0.3407**, and **15.9907, 0.4620, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **30.7636, 0.4668, 0.3429**, and if you desaturate by 10%, it is **43.9766, 0.3916, 0.3382**.

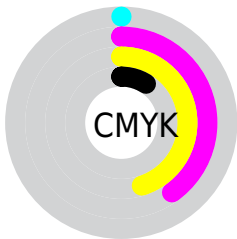
Distribution



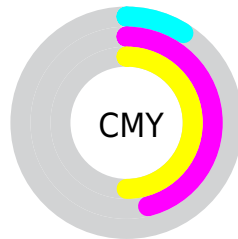
- Red (91%)
- Green (54%)
- Blue (50%)



- Red (91%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (45%)
- Black (9%)



- Cyan (9%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7244, 0.4263, 0.3408 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 36.7244, 0.4263, 0.3408 by changing the saturation by 10% instead.

 36.7244, 0.4263,
0.3408


 36.7244, 0.4263,
0.3408


332.1158, 0.3667,
0.3371


 24.9942, 0.4419,
0.3409


 70.1487, 0.4041,
0.3401

 16.0727, 0.4622,
0.3404


 92.6116, 0.3959,
0.3396

 9.5756, 0.4897,
0.3387


 119.4208, 0.3890,
0.3391

 5.1185, 0.5285,
0.3342

150.9607, 0.3832,
0.3387

 2.3170, 0.5891,
0.3244

187.6158, 0.3782,
0.3382

 0.7827, 0.6993,
0.3007

229.7704, 0.3739,

 0.0000, 1.0000,

0.3378

0.0000

277.8089, 0.3701,
0.3375

0.0000, 0.0000,
0.0000

36.7244, 0.4263,
0.3408

36.7244, 0.4263,
0.3408

30.7636, 0.4668,
0.3429

43.9766, 0.3916,
0.3382

26.0132, 0.5115,
0.3440

52.5840, 0.3628,
0.3354

22.3915, 0.5566,
0.3435

62.6130, 0.3393,
0.3327

19.8045, 0.5962,
0.3411

74.1237, 0.3202,
0.3301

18.1428, 0.6240,
0.3371

87.1729, 0.3047,
0.3277

■ 17.5763, 0.6337,
0.3350

■ 95.7267, 0.2981,
0.3290

Harmonies

Analogous

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



36.7244, 0.3865, 0.2959



36.7244, 0.4263, 0.3408



36.7244, 0.4311, 0.3871

Triad

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



36.7244, 0.4263, 0.3408



36.7244, 0.2907, 0.4165



36.7244, 0.2256, 0.2360

Complementary

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



36.7244, 0.4263, 0.3408



62.0719, 0.2506, 0.3163

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.



36.7244, 0.2060, 0.2563



36.7244, 0.4263, 0.3408



36.7244, 0.2404, 0.3610

Square

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



36.7244, 0.4263, 0.3408



36.7244, 0.3499, 0.4397



36.7244, 0.2108, 0.3001



36.7244, 0.2677, 0.2382

Rectangle

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



36.7244, 0.4263, 0.3408



36.7244, 0.4147, 0.4142



36.7244, 0.2108, 0.3001



36.7244, 0.2165, 0.2402

Sweetspot

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



36.7262, 0.4263, 0.3408



80.4119, 0.3362, 0.3323



37.7270, 0.3258, 0.2280



16.5683, 0.3408, 0.3329



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.



36.7262, 0.4263, 0.3408



39.3767, 0.4613, 0.3427



54.5488, 0.3990, 0.3968



14.5917, 0.3290, 0.3313



9.9350, 0.6322, 0.3362



0.8112, 0.6137, 0.3509

Inverse Universe

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



62.0719, 0.2506, 0.3163



74.6407, 0.2415, 0.3135



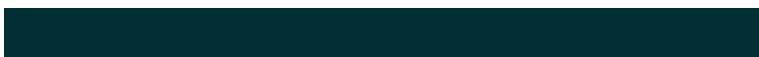
39.4573, 0.2389, 0.2489



16.0848, 0.2982, 0.3266



28.7885, 0.2162, 0.2984



2.1971, 0.2176, 0.3032

Previews

White Background



This preview shows how the Yxy color 36.7244, 0.4263, 0.3408 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 36.7244, 0.4263, 0.3408 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 36.7244, 0.4263, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 36.7244, 0.4263, 0.3408.



This preview shows how white text looks on a background with the Yxy color 36.7244, 0.4263, 0.3408.

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

36.7244, 0.4263, 0.3408

Protanopia

36.8585, 0.3423, 0.3621

Deuteranopia

36.8011, 0.3794, 0.3724



Tritanopia

36.5281, 0.4094, 0.3178

Trichromacy



Original Color

36.7244, 0.4263, 0.3408

Protanomaly

36.2262, 0.3707, 0.3534

Deuteranomaly

36.4409, 0.3964, 0.3600

Tritanomaly

36.6282, 0.4158, 0.3259

Monochromacy



Original Color

36.7244, 0.4263, 0.3408

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5285, 0.3500, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7244, 0.4263, 0.3408 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(231, 138, 128)` looks like.

```
.text, #text, p{  
    color:rgb(231, 138, 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(231, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 138, 128) }
```

Border

The CSS property to change the border of an element to Yxy 36.7244, 0.4263, 0.3408 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(231, 138, 128) }
```

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

```
.border{ border-color:rgb(231, 138, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 138, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(231, 138,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7244, 0.4263, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 138, 128) }
```

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

```
.background{ background-color: rgb(231,  
138, 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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