

Converting Colors

$Y_{xy}(42.8843, 0.4163, 0.3656)$

Have a look what the booklet for
Yxy(42.8843, 0.4163, 0.3656)
contains.

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Color

Yxy(42.9490, 0.4171, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	E79E7E
RGB	231, 158, 126
RGB Percent	91%, 62%, 49%
CMY	0.0942, 0.3803, 0.5058
CMYK	0.00, 0.32, 0.45, 0.09
HSL	18°, 69%, 70%
HSV	18°, 45%, 91%
XYZ	48.9454, 42.9490, 25.4526
YIQ	176.1790, 53.7800, 5.5240

Conversions

Conversions Part 2

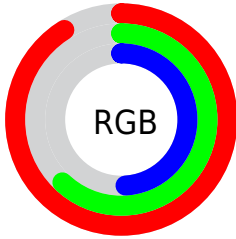
Format	Color
R _Y B	231, 172, 126
Decimal	15179390
CIE Lab	71.52, 23.53, 27.69
CIE LCh	72, 36.338, 49.652
Yxy	42.9490, 0.4171, 0.3660
Android (android.graphics.Color)	4293369470 (0xFFE79E7E)
YUV	176.1790, -24.7382, 48.0780
Hunter-Lab	65.5355, 18.6263, 22.8479

Details

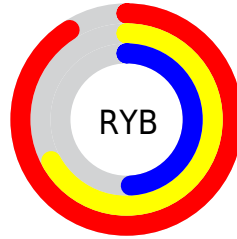
The Yxy color **42.9490, 0.4171, 0.3660** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **51.0470, 0.2446, 0.2873**, and the grayscale version is **43.6264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1032, 0.3696, 0.3642**, and **19.7281, 0.4474, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **37.2966, 0.4507, 0.3730**, and if you desaturate by 10%, it is **49.4591, 0.3874, 0.3579**.

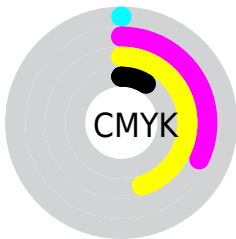
Distribution



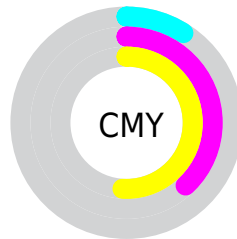
- Red (91%)
- Green (62%)
- Blue (49%)



- Red (91%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (9%)



- Cyan (9%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9490, 0.4171, 0.3660 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 42.9490, 0.4171, 0.3660 by changing the saturation by 10% instead.


 42.9490, 0.4171,
0.3660

 42.9490, 0.4171,
0.3660


358.4020, 0.3639,
0.3496

 29.8451, 0.4304,
0.3692


 79.6339, 0.3977,
0.3606

 19.7210, 0.4475,
0.3728


 103.9837, 0.3904,
0.3585

 12.1924, 0.4698,
0.3766


 132.8509, 0.3843,
0.3565

 6.8749, 0.5002,
0.3798

166.6199, 0.3790,
0.3548

 3.3840, 0.5446,
0.3813

205.6751, 0.3745,
0.3533

 1.3353, 0.6206,
0.3794

250.4010, 0.3705,

 0.1683, 0.8135,

0.3520

0.1865

301.1818, 0.3670,
0.3507

0.0000, 0.0000,
0.0000

42.9490, 0.4171,
0.3660

42.9490, 0.4171,
0.3660

37.2966, 0.4507,
0.3730

49.4591, 0.3874,
0.3579

32.4584, 0.4870,
0.3778

56.8553, 0.3617,
0.3494

28.3964, 0.5240,
0.3792


65.1724, 0.3399,
0.3411


25.0666, 0.5584,
0.3761

74.4414, 0.3215,
0.3331

22.4194, 0.5866,
0.3683

84.6919, 0.3060,
0.3257

 21.4188, 0.5974,
0.3639

 95.3177, 0.2981,
0.3283

 95.7269, 0.2981,
0.3290

Harmonies

Analogous

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



42.9490, 0.4006, 0.3248



42.9490, 0.4171, 0.3660



42.9490, 0.4028, 0.4025

Triad

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



42.9490, 0.4171, 0.3660



42.9490, 0.2652, 0.3761



42.9490, 0.2578, 0.2465

Complementary

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



42.9490, 0.4171, 0.3660



51.0470, 0.2446, 0.2873

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.



42.9490, 0.2276, 0.2524



42.9490, 0.4171, 0.3660



42.9490, 0.2313, 0.3236

Square

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



42.9490, 0.4171, 0.3660



42.9490, 0.3136, 0.4148



42.9490, 0.2183, 0.2787



42.9490, 0.3048, 0.2593

Rectangle

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



42.9490, 0.4171, 0.3660



42.9490, 0.3790, 0.4188



42.9490, 0.2183, 0.2787



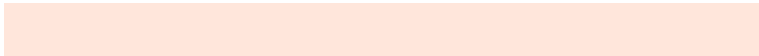
42.9490, 0.2456, 0.2463

Sweetspot

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



42.9511, 0.4171, 0.3660



83.0854, 0.3372, 0.3399



36.0583, 0.3491, 0.2479



17.2714, 0.3415, 0.3417



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.



42.9511, 0.4171, 0.3660



46.7761, 0.4501, 0.3729



64.5831, 0.3896, 0.4210



15.0808, 0.3285, 0.3362



12.2010, 0.5945, 0.3661



1.0611, 0.5659, 0.3889

Inverse Universe

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



51.0470, 0.2446, 0.2873



58.0592, 0.2319, 0.2765



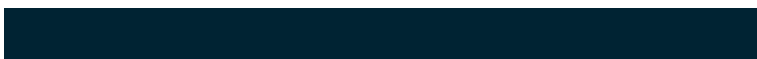
31.0751, 0.2318, 0.2153



15.5559, 0.2981, 0.3217



17.6721, 0.1963, 0.2267



1.4680, 0.2010, 0.2434

Previews

White Background



This preview shows how the Yxy color 42.9490, 0.4171, 0.3660 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 42.9490, 0.4171, 0.3660 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 42.9490, 0.4171, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 42.9490, 0.4171, 0.3660.



This preview shows how white text looks on a background with the Yxy color 42.9490, 0.4171, 0.3660.

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

42.9490, 0.4171, 0.3660

Protanopia

43.0725, 0.3599, 0.3839

Deuteranopia

43.0158, 0.3923, 0.3840



Tritanopia

42.9552, 0.3835, 0.3167

Trichromacy



Original Color

42.9490, 0.4171, 0.3660

Protanomaly

42.8520, 0.3805, 0.3775

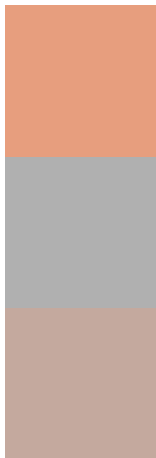
Deuteranomaly

42.7833, 0.4012, 0.3765

Tritanomaly

42.9683, 0.3963, 0.3350

Monochromacy



Original Color

42.9490, 0.4171, 0.3660

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5803, 0.3478, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9490, 0.4171, 0.3660 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, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 158, 126)  
}
```

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, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 158, 126) }
```

Border

The CSS property to change the border of an element to Yxy 42.9490, 0.4171, 0.3660 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, 158, 126) }
```

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

```
.border{ border-color:rgb(231, 158, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 158, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 158, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 158, 126); box-shadow:4px 4px 4px 4px rgb(231, 158, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9490, 0.4171, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 158, 126) }
```

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

```
.background{ background-color: rgb(231,  
158, 126) }
```

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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