

Converting Colors

$Yxy(43.6263, 0.4185, 0.3668)$

Have a look what the booklet for
Yxy(43.6263, 0.4185, 0.3668)
contains.

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Color

Yxy(43.6263, 0.4185, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	E99F7E
RGB	233, 159, 126
RGB Percent	91%, 62%, 49%
CMY	0.0862, 0.3765, 0.5059
CMYK	0.00, 0.32, 0.46, 0.09
HSL	18°, 71%, 70%
HSV	18°, 46%, 91%
XYZ	49.7754, 43.6263, 25.5359
YIQ	177.3640, 54.6970, 5.4250

Conversions

Conversions Part 2

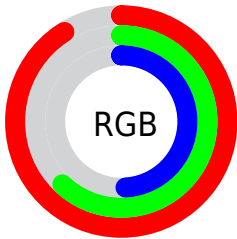
Format	Color
R _Y B	233, 174, 126
Decimal	15310718
CIE Lab	71.98, 23.81, 28.35
CIE LCh	72, 37.019, 49.978
Yxy	43.6263, 0.4185, 0.3668
Android (android.graphics.Color)	4293500798 (0xFFE99F7E)
YUV	177.3640, -25.3225, 48.7928
Hunter-Lab	66.0502, 18.9296, 23.3128

Details

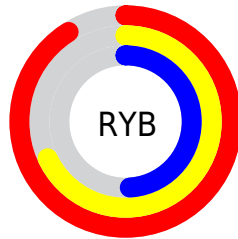
The Yxy color **43.6263, 0.4185, 0.3668** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **51.6468, 0.2438, 0.2863**, and the grayscale version is **44.2835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6078, 0.3693, 0.3652**, and **20.1652, 0.4489, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **37.9083, 0.4521, 0.3738**, and if you desaturate by 10%, it is **50.2117, 0.3886, 0.3586**.

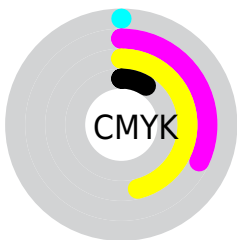
Distribution



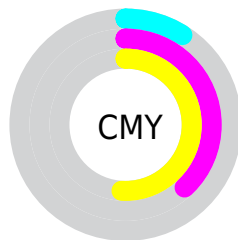
- Red (91%)
- Green (62%)
- Blue (49%)



- Red (91%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (9%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6263, 0.4185, 0.3668 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 43.6263, 0.4185, 0.3668 by changing the saturation by 10% instead.


 43.6263, 0.4185,
0.3668


 43.6263, 0.4185,
0.3668


361.1811, 0.3648,
0.3502

 30.3768, 0.4319,
0.3701


 80.6551, 0.3989,
0.3614

 20.1248, 0.4490,
0.3737


 105.2033, 0.3916,
0.3591

 12.4858, 0.4714,
0.3775


 134.2864, 0.3854,
0.3572

 7.0754, 0.5017,
0.3806

168.2890, 0.3801,
0.3554

 3.5093, 0.5455,
0.3819

207.5953, 0.3755,
0.3539

 1.4031, 0.6200,
0.3800

252.5899, 0.3714,

 0.2190, 0.7828,

0.3525

0.2172

303.6570, 0.3679,
0.3513

0.0000, 0.0000,
0.0000

43.6263, 0.4185,
0.3668

43.6263, 0.4185,
0.3668

37.9083, 0.4521,
0.3738

50.2117, 0.3886,
0.3586

33.0136, 0.4884,
0.3786

57.6932, 0.3628,
0.3501

28.9038, 0.5253,
0.3798

66.1062, 0.3409,
0.3416

25.5340, 0.5593,
0.3765

75.4819, 0.3223,
0.3335

22.8540, 0.5870,
0.3684

85.8503, 0.3067,
0.3260

■ 21.9413, 0.5966,
0.3645

■ 96.0685, 0.2994,
0.3290

Harmonies

Analogous

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



43.6263, 0.4022, 0.3252



43.6263, 0.4185, 0.3668



43.6263, 0.4036, 0.4037

Triad

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



43.6263, 0.4185, 0.3668



43.6263, 0.2641, 0.3763



43.6263, 0.2576, 0.2456

Complementary

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



43.6263, 0.4185, 0.3668



51.6468, 0.2438, 0.2863

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.



43.6263, 0.2268, 0.2512



43.6263, 0.4185, 0.3668



43.6263, 0.2300, 0.3229

Square

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



43.6263, 0.4185, 0.3668



43.6263, 0.3130, 0.4158



43.6263, 0.2172, 0.2775



43.6263, 0.3052, 0.2587

Rectangle

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



43.6263, 0.4185, 0.3668



43.6263, 0.3794, 0.4201



43.6263, 0.2172, 0.2775



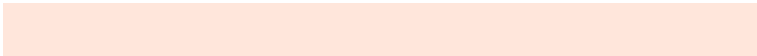
43.6263, 0.2451, 0.2453

Sweetspot

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



43.6284, 0.4185, 0.3668



83.1535, 0.3372, 0.3401



36.4639, 0.3496, 0.2470



17.2879, 0.3415, 0.3418



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.



43.6284, 0.4185, 0.3668



46.9394, 0.4498, 0.3734



65.7338, 0.3905, 0.4220



15.8114, 0.3285, 0.3363



12.6396, 0.5939, 0.3667



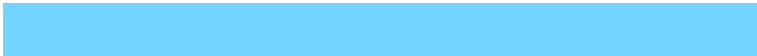
1.1576, 0.5668, 0.3882

Inverse Universe

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



51.6468, 0.2438, 0.2863



57.8193, 0.2317, 0.2759



31.3148, 0.2308, 0.2137



16.2928, 0.2981, 0.3216



18.0669, 0.1959, 0.2253



1.5880, 0.2004, 0.2414

Previews

White Background



This preview shows how the Yxy color 43.6263, 0.4185, 0.3668 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 43.6263, 0.4185, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

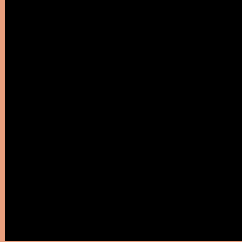
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6263, 0.4185, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 43.6263, 0.4185, 0.3668.



This preview shows how white text looks on a background with the Yxy color 43.6263, 0.4185, 0.3668.

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

43.6263, 0.4185, 0.3668

Protanopia

43.9843, 0.3601, 0.3862

Deuteranopia

43.6801, 0.3937, 0.3848



Tritanopia

43.6607, 0.3841, 0.3168

Trichromacy



Original Color

43.6263, 0.4185, 0.3668

Protanomaly

43.3673, 0.3810, 0.3786

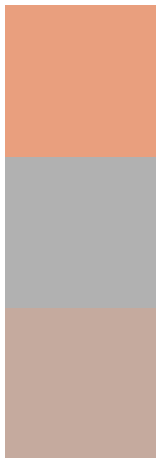
Deuteranomaly

43.4510, 0.4026, 0.3773

Tritanomaly

43.6735, 0.3968, 0.3349

Monochromacy



Original Color

43.6263, 0.4185, 0.3668

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.0884, 0.3485, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6263, 0.4185, 0.3668 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(233, 159, 126)` looks like.

```
.text, #text, p{  
    color:rgb(233, 159, 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(233, 159, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 159, 126) }
```

Border

The CSS property to change the border of an element to Yxy 43.6263, 0.4185, 0.3668 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(233, 159, 126) }
```

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

```
.border{ border-color:rgb(233, 159, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 159, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 159, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 159, 126);  
box-shadow:4px 4px 4px 4px rgb(233, 159,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6263, 0.4185, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 159, 126) }
```

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

```
.background{ background-color: rgb(233,  
159, 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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