

Converting Colors

$Y_{xy}(43.1310, 0.4123, 0.3655)$

Have a look what the booklet for
Yxy(43.1310, 0.4123, 0.3655)
contains.

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Color

Yxy(43.0128, 0.4127, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	E59F80
RGB	229, 159, 128
RGB Percent	90%, 62%, 50%
CMY	0.1020, 0.3764, 0.4981
CMYK	0.00, 0.31, 0.44, 0.10
HSL	18°, 66%, 70%
HSV	18°, 44%, 90%
XYZ	48.6073, 43.0128, 26.1587
YIQ	176.3960, 51.6710, 5.1990

Conversions

Conversions Part 2

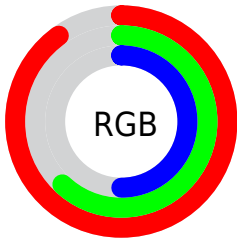
Format	Color
R_{YB}	229, 173, 128
Decimal	15048576
CIE _{Lab}	71.56, 22.41, 26.64
CIE _{LCh}	72, 34.816, 49.923
Yxy	43.0128, 0.4127, 0.3652
Android (android.graphics.Color)	4293238656 (0xFFE59F80)
YUV	176.3960, -23.8592, 46.1337
Hunter-Lab	65.5841, 17.5219, 22.2607

Details

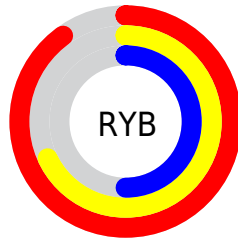
The Yxy color **43.0128, 0.4127, 0.3652** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.6272, 0.2464, 0.2885**, and the grayscale version is **43.7412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6893, 0.3678, 0.3631**, and **19.7234, 0.4426, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **37.3663, 0.4457, 0.3725**, and if you desaturate by 10%, it is **49.5002, 0.3836, 0.3569**.

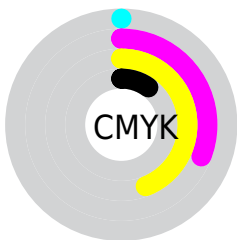
Distribution



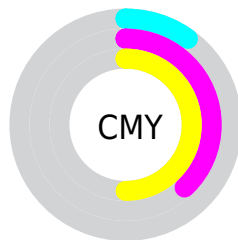
- Red (90%)
- Green (62%)
- Blue (50%)



- Red (90%)
- Yellow (68%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0128, 0.4127, 0.3652 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 43.0128, 0.4127, 0.3652 by changing the saturation by 10% instead.


 43.0128, 0.4127,
0.3652


 43.0128, 0.4127,
0.3652


358.6644, 0.3618,
0.3490


 29.8952, 0.4255,
0.3685


 79.7302, 0.3941,
0.3599

 19.7590, 0.4419,
0.3722


 104.0987, 0.3871,
0.3577

 12.2200, 0.4635,
0.3762


 132.9863, 0.3812,
0.3558

 6.8937, 0.4929,
0.3798

166.7774, 0.3762,
0.3541

 3.3957, 0.5354,
0.3818

205.8563, 0.3719,
0.3526

 1.3416, 0.6148,
0.3852

250.6076, 0.3681,

 0.1731, 0.8044,

0.3513

0.1956

301.4155, 0.3647,
0.3501

0.0000, 0.0000,
0.0000

43.0128, 0.4127,
0.3652

43.0128, 0.4127,
0.3652

37.3663, 0.4457,
0.3725

49.5002, 0.3836,
0.3569

32.5187, 0.4816,
0.3777

56.8558, 0.3585,
0.3484

28.4335, 0.5186,
0.3797

65.1131, 0.3372,
0.3400

25.0686, 0.5535,
0.3773

74.3020, 0.3193,
0.3321

22.3767, 0.5827,
0.3700

84.4510, 0.3041,
0.3247

■ 21.0782, 0.5968,
0.3644

■ 94.9000, 0.2970,
0.3282

■ 95.3982, 0.2970,
0.3290

Harmonies

Analogous

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



43.0128, 0.3971, 0.3256



43.0128, 0.4127, 0.3652



43.0128, 0.3989, 0.4000

Triad

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



43.0128, 0.4127, 0.3652



43.0128, 0.2669, 0.3736



43.0128, 0.2604, 0.2497

Complementary

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



43.0128, 0.4127, 0.3652



50.6272, 0.2464, 0.2885

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.



43.0128, 0.2311, 0.2553



43.0128, 0.4127, 0.3652



43.0128, 0.2343, 0.3236

Square

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



43.0128, 0.4127, 0.3652



43.0128, 0.3133, 0.4106



43.0128, 0.2219, 0.2806



43.0128, 0.3057, 0.2621

Rectangle

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



43.0128, 0.4127, 0.3652



43.0128, 0.3761, 0.4152



43.0128, 0.2219, 0.2806



43.0128, 0.2486, 0.2495

Sweetspot

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



43.0149, 0.4127, 0.3652



84.2554, 0.3352, 0.3392



36.2036, 0.3477, 0.2502



17.5058, 0.3396, 0.3410



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.



43.0149, 0.4127, 0.3652



48.2241, 0.4429, 0.3719



63.7189, 0.3872, 0.4184



15.0861, 0.3285, 0.3363



12.2385, 0.5940, 0.3666



1.0644, 0.5653, 0.3893

Inverse Universe

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



50.6272, 0.2464, 0.2885



59.0436, 0.2343, 0.2783



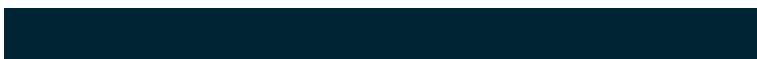
31.4859, 0.2345, 0.2193



15.5503, 0.2981, 0.3216



17.5724, 0.1961, 0.2259



1.4612, 0.2008, 0.2427

Previews

White Background



This preview shows how the Yxy color 43.0128, 0.4127, 0.3652 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 43.0128, 0.4127, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

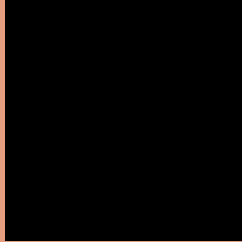
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0128, 0.4127, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 43.0128, 0.4127, 0.3652.



This preview shows how white text looks on a background with the Yxy color 43.0128, 0.4127, 0.3652.

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

43.0128, 0.4127, 0.3652

Protanopia

43.1006, 0.3590, 0.3826

Deuteranopia

42.9215, 0.3894, 0.3818



Tritanopia

42.9836, 0.3802, 0.3166

Trichromacy



Original Color

43.0128, 0.4127, 0.3652

Protanomaly

42.7384, 0.3786, 0.3764

Deuteranomaly

43.0415, 0.3978, 0.3755

Tritanomaly

43.0329, 0.3919, 0.3339

Monochromacy



Original Color

43.0128, 0.4127, 0.3652

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8548, 0.3457, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0128, 0.4127, 0.3652 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(229, 159, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 159, 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(229, 159, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 159, 128) }
```

Border

The CSS property to change the border of an element to Yxy 43.0128, 0.4127, 0.3652 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(229, 159, 128) }
```

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

```
.border{ border-color:rgb(229, 159, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 159, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 159, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 159, 128); box-shadow:4px 4px 4px 4px rgb(229, 159, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0128, 0.4127, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 159, 128) }
```

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

```
.background{ background-color: rgb(229,  
159, 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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