

Converting Colors

$Y_{xy}(43.2524, 0.4249, 0.3651)$

Have a look what the booklet for
Yxy(43.2524, 0.4249, 0.3651)
contains.

Yxy(43.0650, 0.4250, 0.3652)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0650, 0.4250, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	EC9C7C
RGB	236, 156, 124
RGB Percent	93%, 61%, 49%
CMY	0.0745, 0.3882, 0.5137
CMYK	0.00, 0.34, 0.47, 0.07
HSL	17°, 75%, 71%
HSV	17°, 47%, 93%
XYZ	50.1167, 43.0650, 24.7400
YIQ	176.2720, 57.9520, 7.0080

Conversions

Conversions Part 2

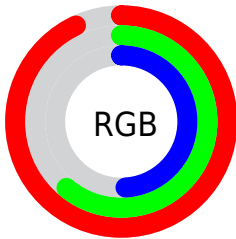
Format	Color
RYB	236, 169, 124
Decimal	15506556
CIELab	71.60, 26.36, 28.99
CIELCh	72, 39.182, 47.722
Yxy	43.0650, 0.4250, 0.3652
Android (android.graphics.Color)	4293696636 (0xFFEC9C7C)
YUV	176.2720, -25.7701, 52.3815
Hunter-Lab	65.6239, 21.4778, 23.5846

Details

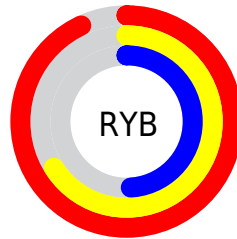
The Yxy color **43.0650, 0.4250, 0.3652** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **53.5190, 0.2423, 0.2879**, and the grayscale version is **43.6811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0229, 0.3717, 0.3643**, and **19.7557, 0.4569, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **37.2698, 0.4600, 0.3714**, and if you desaturate by 10%, it is **49.7922, 0.3939, 0.3577**.

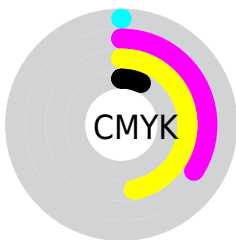
Distribution



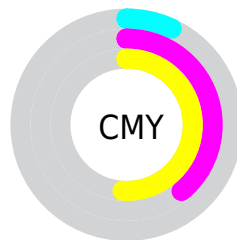
- Red (93%)
- Green (61%)
- Blue (49%)



- Red (93%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (47%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0650, 0.4250, 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 43.0650, 0.4250, 0.3652 by changing the saturation by 10% instead.


 43.0650, 0.4250,
0.3652


 43.0650, 0.4250,
0.3652


358.8790, 0.3679,
0.3497

 29.9361, 0.4393,
0.3681


 79.8089, 0.4042,
0.3602

 19.7901, 0.4575,
0.3712


 104.1928, 0.3963,
0.3582

 12.2426, 0.4813,
0.3741


 133.0971, 0.3897,
0.3563

 6.9091, 0.5134,
0.3759

166.9062, 0.3841,
0.3547

 3.4053, 0.5609,
0.3755

206.0046, 0.3792,
0.3532

 1.3468, 0.6340,
0.3660

250.7766, 0.3749,

 0.1770, 0.8210,

0.3519

0.1790

301.6066, 0.3712,
0.3507

0.0000, 0.0000,
0.0000

43.0650, 0.4250,
0.3652

43.0650, 0.4250,
0.3652

37.2698, 0.4600,
0.3714

49.7922, 0.3939,
0.3577

32.3578, 0.4976,
0.3752

57.4846, 0.3670,
0.3498

28.2850, 0.5353,
0.3754

66.1816, 0.3442,
0.3419

25.0005, 0.5694,
0.3711

75.9183, 0.3250,
0.3343

22.4457, 0.5962,
0.3625

86.7282, 0.3089,
0.3273

■ 21.8994, 0.6022,
0.3601

■ 96.5715, 0.3011,
0.3290

Harmonies

Analogous

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



43.0650, 0.4053, 0.3214



43.0650, 0.4250, 0.3652



43.0650, 0.4112, 0.4052

Triad

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



43.0650, 0.4250, 0.3652



43.0650, 0.2644, 0.3834



43.0650, 0.2511, 0.2407

Complementary

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



43.0650, 0.4250, 0.3652



53.5190, 0.2423, 0.2879

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.



43.0650, 0.2204, 0.2479



43.0650, 0.4250, 0.3652



43.0650, 0.2271, 0.3265

Square

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



43.0650, 0.4250, 0.3652



43.0650, 0.3169, 0.4237



43.0650, 0.2120, 0.2771



43.0650, 0.3004, 0.2531

Rectangle

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



43.0650, 0.4250, 0.3652



43.0650, 0.3865, 0.4241



43.0650, 0.2120, 0.2771



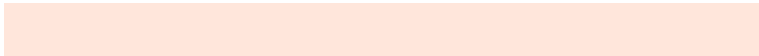
43.0650, 0.2385, 0.2407

Sweetspot

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



43.0671, 0.4250, 0.3652



82.7080, 0.3373, 0.3393



36.6195, 0.3494, 0.2426



17.1802, 0.3416, 0.3409



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.



43.0671, 0.4250, 0.3652



44.5735, 0.4592, 0.3713



66.2376, 0.3942, 0.4231



15.7552, 0.3286, 0.3358



12.2632, 0.5993, 0.3623



1.1222, 0.5721, 0.3839

Inverse Universe

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



53.5190, 0.2423, 0.2879



58.3314, 0.2302, 0.2778



31.6045, 0.2282, 0.2116



16.3521, 0.2981, 0.3221



19.1189, 0.1982, 0.2333



1.6641, 0.2023, 0.2482

Previews

White Background



This preview shows how the Yxy color 43.0650, 0.4250, 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 43.0650, 0.4250, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

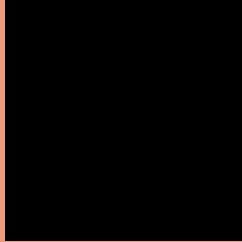
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0650, 0.4250, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 43.0650, 0.4250, 0.3652.



This preview shows how white text looks on a background with the Yxy color 43.0650, 0.4250, 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

43.0650, 0.4250, 0.3652

Protanopia

43.4080, 0.3613, 0.3879

Deuteranopia

43.1120, 0.3951, 0.3863



Tritanopia

43.0926, 0.3911, 0.3169

Trichromacy



Original Color

43.0650, 0.4250, 0.3652

Protanomaly

42.9400, 0.3833, 0.3799

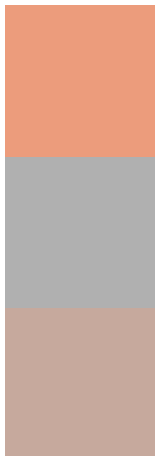
Deuteranomaly

43.0410, 0.4051, 0.3785

Tritanomaly

43.0977, 0.4040, 0.3349

Monochromacy



Original Color

43.0650, 0.4250, 0.3652

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8160, 0.3506, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0650, 0.4250, 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(236, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(236, 156, 124)  
}
```

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(236, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 156, 124) }
```

Border

The CSS property to change the border of an element to Yxy 43.0650, 0.4250, 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(236, 156, 124) }
```

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

```
.border{ border-color:rgb(236, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(236, 156,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0650, 0.4250, 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(236, 156, 124) }
```

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

```
.background{ background-color: rgb(236,  
156, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor