

Converting Colors

$Y_{xy}(41.5568, 0.4151, 0.3603)$

Have a look what the booklet for
Yxy(41.5568, 0.4151, 0.3603)
contains.

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Color

Yxy(41.6592, 0.4149, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	E59B80
RGB	229, 155, 128
RGB Percent	90%, 61%, 50%
CMY	0.1019, 0.3921, 0.4980
CMYK	0.00, 0.32, 0.44, 0.10
HSL	16°, 66%, 70%
HSV	16°, 44%, 90%
XYZ	47.9323, 41.6592, 25.9359
YIQ	174.0480, 52.7710, 7.2910

Conversions

Conversions Part 2

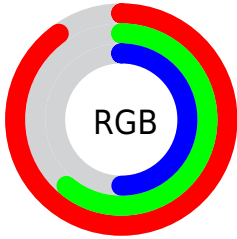
Format	Color
R _Y B	229, 165, 128
Decimal	15047552
CIE Lab	70.64, 24.56, 25.39
CIE LCh	71, 35.325, 45.959
Yxy	41.6592, 0.4149, 0.3606
Android (android.graphics.Color)	4293237632 (0xFFE59B80)
YUV	174.0480, -22.7017, 48.1929
Hunter-Lab	64.5439, 19.6078, 21.3561

Details

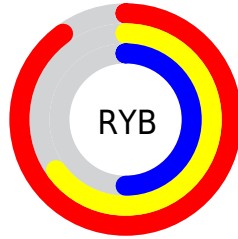
The Yxy color **41.6592, 0.4149, 0.3606** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **52.4893, 0.2473, 0.2939**, and the grayscale version is **42.4531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6894, 0.3689, 0.3591**, and **18.9229, 0.4450, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **35.9225, 0.4493, 0.3669**, and if you desaturate by 10%, it is **48.3121, 0.3848, 0.3534**.

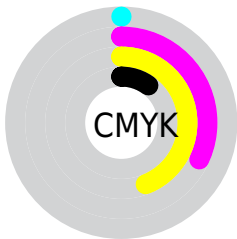
Distribution



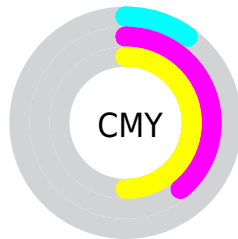
- Red (90%)
- Green (61%)
- Blue (50%)



- Red (90%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6592, 0.4149, 0.3606 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 41.6592, 0.4149, 0.3606 by changing the saturation by 10% instead.


 41.6592, 0.4149,
0.3606


 41.6592, 0.4149,
0.3606


353.0682, 0.3625,
0.3467


 28.8345, 0.4282,
0.3633


 77.6836, 0.3957,
0.3561

 18.9557, 0.4453,
0.3663


 101.6521, 0.3885,
0.3542

 11.6383, 0.4679,
0.3692


 130.1040, 0.3824,
0.3526

 6.4979, 0.4990,
0.3715

163.4237, 0.3773,
0.3512

 3.1501, 0.5446,
0.3714

201.9955, 0.3728,
0.3499

 1.2106, 0.6296,
0.3704

246.2040, 0.3689,

 0.0703, 0.9045,

0.3487

0.0955

296.4334, 0.3655,
0.3477

0.0000, 0.0000,
0.0000

41.6592, 0.4149,
0.3606

41.6592, 0.4149,
0.3606

35.9225, 0.4493,
0.3669

48.3121, 0.3848,
0.3534

31.0548, 0.4869,
0.3712

55.9133, 0.3591,
0.3459

27.0136, 0.5257,
0.3725

64.5012, 0.3374,
0.3386

23.7503, 0.5622,
0.3696

74.1097, 0.3193,
0.3317

21.2101, 0.5921,
0.3624

84.7715, 0.3041,
0.3253

■ 20.0206, 0.6061,
0.3569

■ 95.3992, 0.2970,
0.3290

Harmonies

Analogous

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



41.6592, 0.3950, 0.3201



41.6592, 0.4149, 0.3606



41.6592, 0.4044, 0.3975

Triad

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



41.6592, 0.4149, 0.3606



41.6592, 0.2714, 0.3811



41.6592, 0.2541, 0.2475

Complementary

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



41.6592, 0.4149, 0.3606



52.4893, 0.2473, 0.2939

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.



41.6592, 0.2267, 0.2558



41.6592, 0.4149, 0.3606



41.6592, 0.2357, 0.3301

Square

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



41.6592, 0.4149, 0.3606



41.6592, 0.3200, 0.4158



41.6592, 0.2202, 0.2842



41.6592, 0.2987, 0.2579

Rectangle

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



41.6592, 0.4149, 0.3606



41.6592, 0.3829, 0.4150



41.6592, 0.2202, 0.2842



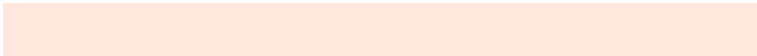
41.6592, 0.2428, 0.2481

Sweetspot

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



41.6612, 0.4149, 0.3606



83.5168, 0.3354, 0.3379



36.3649, 0.3441, 0.2468



17.3251, 0.3398, 0.3395



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.



41.6612, 0.4149, 0.3606



46.3831, 0.4464, 0.3664



62.0905, 0.3887, 0.4151



14.9916, 0.3286, 0.3353



11.6154, 0.6034, 0.3591



1.0081, 0.5747, 0.3818

Inverse Universe

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



52.4893, 0.2473, 0.2939



61.7969, 0.2357, 0.2852



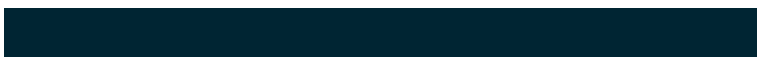
32.5630, 0.2353, 0.2240



15.6503, 0.2981, 0.3226



19.4079, 0.2000, 0.2400



1.5850, 0.2041, 0.2546

Previews

White Background



This preview shows how the Yxy color 41.6592, 0.4149, 0.3606 looks on a white background.

Color Contrast Check

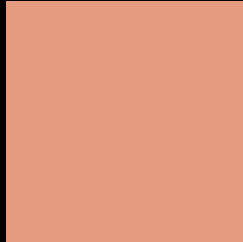
Large Text (above 18pt) WCAG AA × Fail

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 41.6592, 0.4149, 0.3606 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 41.6592, 0.4149, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 41.6592, 0.4149, 0.3606.



This preview shows how white text looks on a background with the Yxy color 41.6592, 0.4149, 0.3606.

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

41.6592, 0.4149, 0.3606

Protanopia

41.8551, 0.3549, 0.3794

Deuteranopia

41.7579, 0.3875, 0.3800



Tritanopia

41.5771, 0.3847, 0.3154

Trichromacy



Original Color

41.6592, 0.4149, 0.3606

Protanomaly

41.2453, 0.3760, 0.3720

Deuteranomaly

41.6691, 0.3974, 0.3723

Tritanomaly

41.6474, 0.3956, 0.3316

Monochromacy



Original Color

41.6592, 0.4149, 0.3606

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5411, 0.3473, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6592, 0.4149, 0.3606 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, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 155, 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, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 155, 128) }
```

Border

The CSS property to change the border of an element to Yxy 41.6592, 0.4149, 0.3606 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, 155, 128) }
```

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

```
.border{ border-color:rgb(229, 155, 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, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 155, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 155, 128); box-shadow:4px 4px 4px 4px rgb(229, 155, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6592, 0.4149, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 155, 128) }
```

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

```
.background{ background-color: rgb(229,  
155, 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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