

Converting Colors

$Yxy(41.7688, 0.4126, 0.3608)$

Have a look what the booklet for
Yxy(41.7688, 0.4126, 0.3608)
contains.

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Color

Yxy(41.8559, 0.4124, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	E49C81
RGB	228, 156, 129
RGB Percent	89%, 61%, 51%
CMY	0.1057, 0.3883, 0.4941
CMYK	0.00, 0.32, 0.43, 0.11
HSL	16°, 65%, 70%
HSV	16°, 43%, 89%
XYZ	47.8552, 41.8559, 26.3296
YIQ	174.4500, 51.5790, 6.8670

Conversions

Conversions Part 2

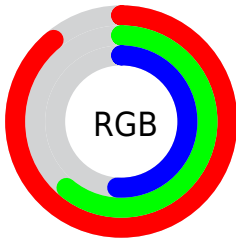
Format	Color
R_{YB}	228, 166, 129
Decimal	14982273
CIE _{Lab}	70.77, 23.76, 25.00
CIE _{LCh}	71, 34.490, 46.465
Yxy	41.8559, 0.4124, 0.3607
Android (android.graphics.Color)	4293172353 (0xFFE49C81)
YUV	174.4500, -22.4068, 46.9634
Hunter-Lab	64.6961, 18.8168, 21.1578

Details

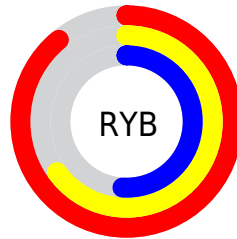
The Yxy color **41.8559, 0.4124, 0.3607** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **52.0743, 0.2481, 0.2939**, and the grayscale version is **42.6706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2259, 0.3679, 0.3591**, and **19.0112, 0.4428, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **36.1249, 0.4463, 0.3672**, and if you desaturate by 10%, it is **48.4870, 0.3827, 0.3533**.

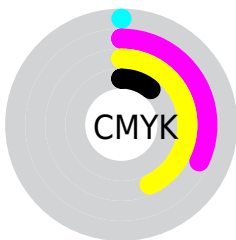
Distribution



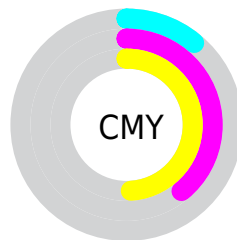
- Red (89%)
- Green (61%)
- Blue (51%)



- Red (89%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (11%)





- Cyan (11%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8559, 0.4124, 0.3607 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 41.8559, 0.4124, 0.3607 by changing the saturation by 10% instead.


 41.8559, 0.4124,
0.3607


 41.8559, 0.4124,
0.3607


353.8852, 0.3613,
0.3467

 28.9885, 0.4253,
0.3635


 77.9815, 0.3936,
0.3561

 19.0721, 0.4420,
0.3666


 102.0084, 0.3867,
0.3542

 11.7224, 0.4641,
0.3698


 130.5240, 0.3808,
0.3526

 6.5549, 0.4944,
0.3724

163.9126, 0.3757,
0.3511

 3.1854, 0.5387,
0.3728

202.5587, 0.3714,
0.3498

 1.2293, 0.6250,
0.3750

246.8465, 0.3676,

 0.0854, 0.8856,

0.3487

0.1144

297.1606, 0.3643,
0.3476

0.0000, 0.0000,
0.0000

41.8559, 0.4124,
0.3607

41.8559, 0.4124,
0.3607

36.1249, 0.4463,
0.3672

48.4870, 0.3827,
0.3533

31.2480, 0.4836,
0.3718

56.0491, 0.3574,
0.3457

27.1843, 0.5222,
0.3734

64.5793, 0.3360,
0.3383

23.8869, 0.5587,
0.3709

74.1107, 0.3181,
0.3313

21.3032, 0.5891,
0.3640

84.6750, 0.3032,
0.3248

■ 19.9581, 0.6049,
0.3579

■ 95.2400, 0.2964,
0.3290

Harmonies

Analogous

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



41.8559, 0.3935, 0.3211



41.8559, 0.4124, 0.3607



41.8559, 0.4018, 0.3965

Triad

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



41.8559, 0.4124, 0.3607



41.8559, 0.2717, 0.3789



41.8559, 0.2561, 0.2494

Complementary

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



41.8559, 0.4124, 0.3607



52.0743, 0.2481, 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.



41.8559, 0.2290, 0.2572



41.8559, 0.4124, 0.3607



41.8559, 0.2371, 0.3293

Square

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



41.8559, 0.4124, 0.3607



41.8559, 0.3191, 0.4131



41.8559, 0.2223, 0.2848



41.8559, 0.2999, 0.2598

Rectangle

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



41.8559, 0.4124, 0.3607



41.8559, 0.3806, 0.4132



41.8559, 0.2223, 0.2848



41.8559, 0.2450, 0.2499

Sweetspot

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



41.8579, 0.4124, 0.3607



83.6106, 0.3354, 0.3381



36.4507, 0.3435, 0.2480



17.3480, 0.3398, 0.3397



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.



41.8579, 0.4124, 0.3607



47.3066, 0.4424, 0.3665



61.7152, 0.3875, 0.4138



15.0036, 0.3286, 0.3355



11.6895, 0.6023, 0.3600



1.0150, 0.5736, 0.3828

Inverse Universe

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



52.0743, 0.2481, 0.2939



61.9872, 0.2367, 0.2853



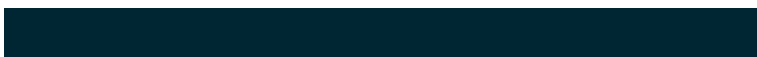
32.7666, 0.2366, 0.2259



15.6375, 0.2981, 0.3224



19.1670, 0.1995, 0.2382



1.5689, 0.2036, 0.2531

Previews

White Background



This preview shows how the Yxy color 41.8559, 0.4124, 0.3607 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 41.8559, 0.4124, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

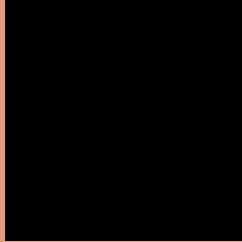
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8559, 0.4124, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 41.8559, 0.4124, 0.3607.



This preview shows how white text looks on a background with the Yxy color 41.8559, 0.4124, 0.3607.

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

41.8559, 0.4124, 0.3607

Protanopia

42.0076, 0.3550, 0.3779

Deuteranopia

41.7839, 0.3865, 0.3787



Tritanopia

41.7665, 0.3823, 0.3154

Trichromacy



Original Color

41.8559, 0.4124, 0.3607

Protanomaly

41.7762, 0.3756, 0.3717

Deuteranomaly

41.5453, 0.3955, 0.3712

Tritanomaly

41.8398, 0.3931, 0.3316

Monochromacy



Original Color

41.8559, 0.4124, 0.3607

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5754, 0.3463, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8559, 0.4124, 0.3607 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(228, 156, 129)` looks like.

```
.text, #text, p{  
    color:rgb(228, 156, 129)  
}
```

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(228, 156, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 156, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.8559, 0.4124, 0.3607 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(228, 156, 129) }
```

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

```
.border{ border-color:rgb(228, 156, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 156, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 156, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 156, 129);  
box-shadow:4px 4px 4px 4px rgb(228, 156,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8559, 0.4124, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 156, 129) }
```

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

```
.background{ background-color: rgb(228,  
156, 129) }
```

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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