

Converting Colors

Yxy(51.1367, 0.3735, 0.3559)

Have a look what the booklet for
Yxy(51.1367, 0.3735, 0.3559)
contains.

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Color

Yxy(51.2456, 0.3735, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	E2B49D
RGB	226, 180, 157
RGB Percent	89%, 71%, 62%
CMY	0.1136, 0.2942, 0.3842
CMYK	0.00, 0.20, 0.31, 0.11
HSL	20°, 54%, 75%
HSV	20°, 31%, 89%
XYZ	53.7798, 51.2456, 38.9634
YIQ	191.1320, 34.7990, 2.5990

Conversions

Conversions Part 2

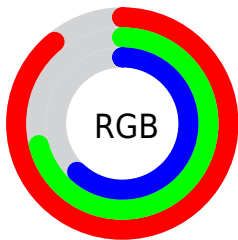
Format	Color
R _Y B	226, 192, 157
Decimal	14857373
CIE Lab	76.83, 13.43, 18.06
CIE LCh	77, 22.505, 53.351
Yxy	51.2456, 0.3735, 0.3559
Android (android.graphics.Color)	4293047453 (0xFFE2B49D)
YUV	191.1320, -16.8271, 30.5792
Hunter-Lab	71.5860, 8.8246, 17.8394

Details

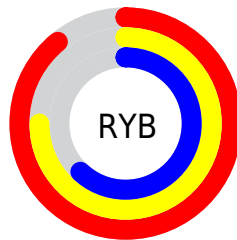
The Yxy color **51.2456, 0.3735, 0.3559** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.4033, 0.2656, 0.3003**, and the grayscale version is **52.2685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0044, 0.3412, 0.3530**, and **24.7654, 0.3906, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **44.7853, 0.4006, 0.3650**, and if you desaturate by 10%, it is **58.5159, 0.3502, 0.3467**.

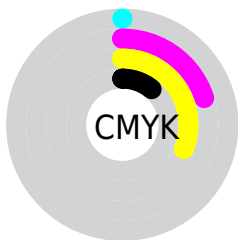
Distribution



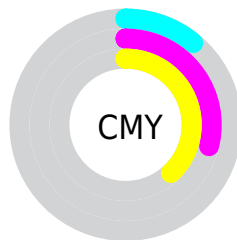
- Red (89%)
- Green (71%)
- Blue (62%)



- Red (89%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2456, 0.3735, 0.3559 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 51.2456, 0.3735, 0.3559 by changing the saturation by 10% instead.


 51.2456, 0.3735,
0.3559

 51.2456, 0.3735,
0.3559


391.5172, 0.3434,
0.3434

 36.4041, 0.3809,
0.3587


 92.0177, 0.3626,
0.3516

 24.7465, 0.3903,
0.3622


 118.7171, 0.3585,
0.3499

 15.8883, 0.4027,
0.3664


150.1379, 0.3550,
0.3484

 9.4451, 0.4196,
0.3718

186.6646, 0.3520,
0.3472

 5.0326, 0.4440,
0.3784

228.6814, 0.3494,
0.3460

 2.2664, 0.4825,
0.3867

276.5729, 0.3472,

 0.7559, 0.5845,

0.3451

0.4155

330.7234, 0.3451,
0.3442

0.0000, 0.0000,
0.0000

51.2456, 0.3735,
0.3559

51.2456, 0.3735,
0.3559

44.7853, 0.4006,
0.3650

58.5159, 0.3502,
0.3467

39.0989, 0.4314,
0.3734

66.6164, 0.3303,
0.3378

34.1578, 0.4653,
0.3801

75.5757, 0.3135,
0.3294

29.9290, 0.5010,
0.3840

85.4185, 0.2993,
0.3217

26.3765, 0.5359,
0.3837

94.9140, 0.2952,
0.3289

■ 23.4603, 0.5666,
0.3784

■ 21.2384, 0.5901,
0.3696

Harmonies

Analogous

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



51.2456, 0.3658, 0.3309



51.2456, 0.3735, 0.3559



51.2456, 0.3640, 0.3756

Triad

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



51.2456, 0.3735, 0.3559



51.2456, 0.2820, 0.3526



51.2456, 0.2834, 0.2791

Complementary

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



51.2456, 0.3735, 0.3559



55.4033, 0.2656, 0.3003

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.



51.2456, 0.2630, 0.2822



51.2456, 0.3735, 0.3559



51.2456, 0.2622, 0.3234

Square

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



51.2456, 0.3735, 0.3559



51.2456, 0.3106, 0.3753



51.2456, 0.2555, 0.2978



51.2456, 0.3125, 0.2880

Rectangle

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



51.2456, 0.3735, 0.3559



51.2456, 0.3496, 0.3825



51.2456, 0.2555, 0.2978



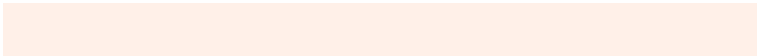
51.2456, 0.2754, 0.2787

Sweetspot

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



51.2480, 0.3735, 0.3559



89.2264, 0.3277, 0.3365



44.6628, 0.3355, 0.2757



18.7442, 0.3303, 0.3378



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.



51.2480, 0.3735, 0.3559



61.5445, 0.3912, 0.3621



66.3888, 0.3625, 0.3923



14.4422, 0.3284, 0.3369



12.3079, 0.5873, 0.3719



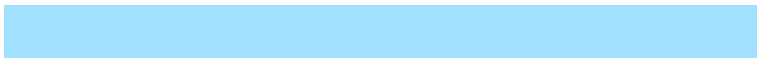
1.0137, 0.5572, 0.3957

Inverse Universe

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



55.4033, 0.2656, 0.3003



67.8543, 0.2556, 0.2929



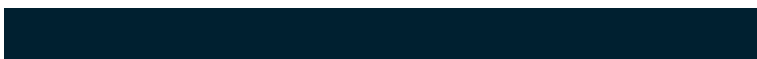
41.2895, 0.2606, 0.2565



14.7634, 0.2982, 0.3210



15.9446, 0.1936, 0.2168



1.2676, 0.1989, 0.2361

Previews

White Background



This preview shows how the Yxy color 51.2456, 0.3735, 0.3559 looks on a white background.

Color Contrast Check

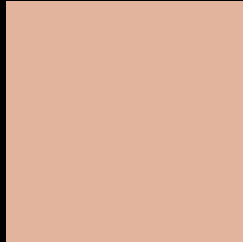
Large Text (above 18pt) WCAG AA × Fail

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 51.2456, 0.3735, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

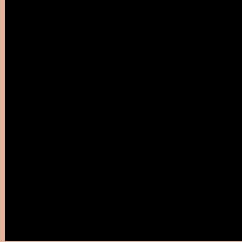
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2456, 0.3735, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 51.2456, 0.3735, 0.3559.



This preview shows how white text looks on a background with the Yxy color 51.2456, 0.3735, 0.3559.

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

51.2456, 0.3735, 0.3559

Protanopia

51.2832, 0.3434, 0.3628

Deuteranopia

51.5169, 0.3671, 0.3599



Tritanopia

50.9921, 0.3490, 0.3132

Trichromacy



Original Color

51.2456, 0.3735, 0.3559

Protanomaly

51.2112, 0.3537, 0.3609

Deuteranomaly

51.4198, 0.3692, 0.3586

Tritanomaly

51.1126, 0.3584, 0.3291

Monochromacy



Original Color

51.2456, 0.3735, 0.3559

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6327, 0.3334, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2456, 0.3735, 0.3559 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(226, 180, 157)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 157)  
}
```

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(226, 180, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 157) }
```

Border

The CSS property to change the border of an element to Yxy 51.2456, 0.3735, 0.3559 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(226, 180, 157) }
```

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

```
.border{ border-color:rgb(226, 180, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 180, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 180, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 180, 157);  
box-shadow:4px 4px 4px 4px rgb(226, 180,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2456, 0.3735, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 180, 157) }
```

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

```
.background{ background-color: rgb(226,  
180, 157) }
```

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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