

Converting Colors

Yxy(54.2381, 0.3840, 0.3605)

Have a look what the booklet for
Yxy(54.2381, 0.3840, 0.3605)
contains.

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Color

Yxy(54.2381, 0.3840, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	EDB79B
RGB	237, 183, 155
RGB Percent	93%, 72%, 61%
CMY	0.0706, 0.2823, 0.3921
CMYK	0.00, 0.23, 0.35, 0.07
HSL	20°, 69%, 77%
HSV	20°, 35%, 93%
XYZ	57.7737, 54.2381, 38.4406
YIQ	195.9540, 41.1720, 2.7400

Conversions

Conversions Part 2

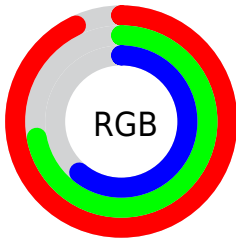
Format	Color
R _Y B	237, 198, 155
Decimal	15579035
CIE Lab	78.60, 15.79, 21.75
CIE LCh	79, 26.875, 54.029
Yxy	54.2381, 0.3840, 0.3605
Android (android.graphics.Color)	4293769115 (0xFFEDB79B)
YUV	195.9540, -20.1903, 35.9973
Hunter-Lab	73.6465, 11.1471, 20.6055

Details

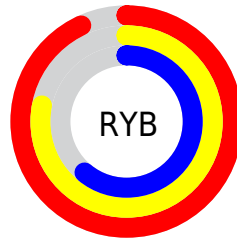
The Yxy color **54.2381, 0.3840, 0.3605** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.6842, 0.2593, 0.2949**, and the grayscale version is **55.2795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6461, 0.3420, 0.3579**, and **26.6680, 0.4032, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **47.4354, 0.4125, 0.3697**, and if you desaturate by 10%, it is **61.9161, 0.3592, 0.3510**.

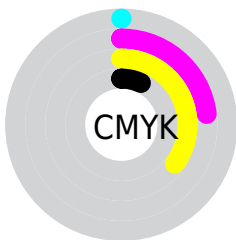
Distribution



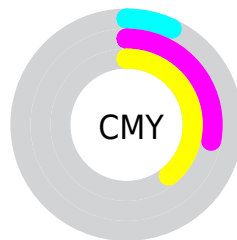
- Red (93%)
- Green (72%)
- Blue (61%)



- Red (93%)
- Yellow (78%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2381, 0.3840, 0.3605 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 54.2381, 0.3840, 0.3605 by changing the saturation by 10% instead.


 54.2381, 0.3840,
0.3605


 54.2381, 0.3840,
0.3605


403.0173, 0.3490,
0.3462

 38.7921, 0.3925,
0.3636


 96.4238, 0.3715,
0.3556

 26.5980, 0.4032,
0.3674


 123.9321, 0.3667,
0.3537

 17.2715, 0.4171,
0.3719


156.2301, 0.3627,
0.3520

 10.4283, 0.4358,
0.3774

193.7020, 0.3592,
0.3506

 5.6838, 0.4622,
0.3837

236.7323, 0.3561,
0.3493

 2.6538, 0.5026,
0.3911

285.7054, 0.3535,

 0.9538, 0.5904,

0.3481

0.4096

341.0056, 0.3511,
0.3471

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2381, 0.3840,
0.3605

54.2381, 0.3840,
0.3605

47.4354, 0.4125,
0.3697

61.9161, 0.3592,
0.3510

41.4679, 0.4445,
0.3777

70.4922, 0.3380,
0.3417

36.3036, 0.4792,
0.3836

79.9980, 0.3200,
0.3329

31.9052, 0.5145,
0.3860

90.4612, 0.3048,
0.3246

■ 28.2320, 0.5478,
0.3838

■ 96.7430, 0.3017,
0.3290

■ 25.2382, 0.5757,
0.3764

■ 23.8771, 0.5883,
0.3711

Harmonies

Analogous

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



54.2381, 0.3755, 0.3315



54.2381, 0.3840, 0.3605



54.2381, 0.3722, 0.3836

Triad

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



54.2381, 0.3840, 0.3605



54.2381, 0.2761, 0.3560



54.2381, 0.2791, 0.2712

Complementary

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



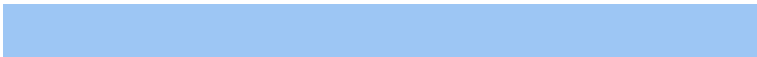
54.2381, 0.3840, 0.3605



58.6842, 0.2593, 0.2949

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.



54.2381, 0.2552, 0.2741



54.2381, 0.3840, 0.3605



54.2381, 0.2535, 0.3213

Square

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



54.2381, 0.3840, 0.3605



54.2381, 0.3091, 0.3833



54.2381, 0.2462, 0.2916



54.2381, 0.3131, 0.2819

Rectangle

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



54.2381, 0.3840, 0.3605



54.2381, 0.3550, 0.3920



54.2381, 0.2462, 0.2916



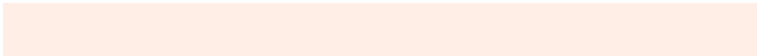
54.2381, 0.2697, 0.2706

Sweetspot

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



54.2407, 0.3840, 0.3605



88.2152, 0.3295, 0.3376



46.0875, 0.3408, 0.2697



18.5466, 0.3321, 0.3389



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.



54.2407, 0.3840, 0.3605



57.8725, 0.4053, 0.3675



73.3213, 0.3693, 0.4023



15.8949, 0.3284, 0.3371



13.2560, 0.5854, 0.3734



1.2138, 0.5586, 0.3946

Inverse Universe

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



58.6842, 0.2593, 0.2949



63.8715, 0.2482, 0.2860



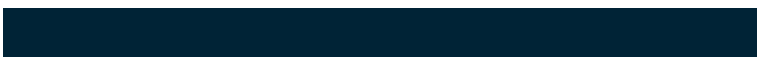
41.3404, 0.2524, 0.2430



16.2054, 0.2981, 0.3208



16.5856, 0.1926, 0.2134



1.4798, 0.1976, 0.2313

Previews

White Background



This preview shows how the Yxy color 54.2381, 0.3840, 0.3605 looks on a white background.

Color Contrast Check

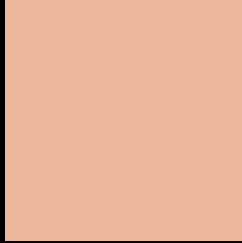
Large Text (above 18pt) WCAG AA × Fail

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 54.2381, 0.3840, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

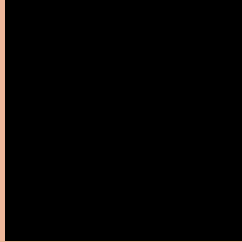
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2381, 0.3840, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 54.2381, 0.3840, 0.3605.



This preview shows how white text looks on a background with the Yxy color 54.2381, 0.3840, 0.3605.

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

54.2381, 0.3840, 0.3605

Protanopia

54.2434, 0.3491, 0.3706

Deuteranopia

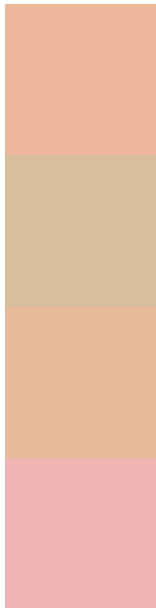
54.2046, 0.3745, 0.3672



Tritanopia

54.3473, 0.3564, 0.3138

Trichromacy



Original Color

54.2381, 0.3840, 0.3605

Protanomaly

54.0472, 0.3614, 0.3671

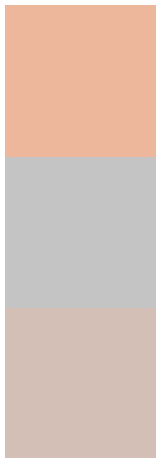
Deuteranomaly

54.4398, 0.3784, 0.3656

Tritanomaly

54.4225, 0.3665, 0.3303

Monochromacy



Original Color

54.2381, 0.3840, 0.3605

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4467, 0.3372, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2381, 0.3840, 0.3605 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(237, 183, 155)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 155)  
}
```

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(237, 183, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 155) }
```

Border

The CSS property to change the border of an element to Yxy 54.2381, 0.3840, 0.3605 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(237, 183, 155) }
```

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

```
.border{ border-color:rgb(237, 183, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 183, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 155);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2381, 0.3840, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 155) }
```

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

```
.background{ background-color: rgb(237,  
183, 155) }
```

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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