

Converting Colors

$Y_{xy}(54.3378, 0.3860, 0.3679)$

Have a look what the booklet for
Yxy(54.3378, 0.3860, 0.3679)
contains.

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Color

Yxy(54.1452, 0.3862, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	EBB896
RGB	235, 184, 150
RGB Percent	92%, 72%, 59%
CMY	0.0783, 0.2785, 0.4117
CMYK	0.00, 0.22, 0.36, 0.08
HSL	24°, 68%, 76%
HSV	24°, 36%, 92%
XYZ	56.9158, 54.1452, 36.3129
YIQ	195.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

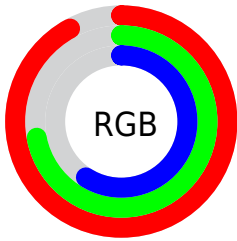
Format	Color
R _Y B	235, 207, 150
Decimal	15448214
CIE Lab	78.55, 13.91, 24.31
CIE LCh	79, 28.014, 60.224
Yxy	54.1452, 0.3862, 0.3674
Android (android.graphics.Color)	4293638294 (0xFFEBB896)
YUV	195.3730, -22.3689, 34.7529
Hunter-Lab	73.5834, 9.2965, 22.2492

Details

The Yxy color $54.1452, 0.3862, 0.3674$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $54.2881, 0.2561, 0.2868$, and the grayscale version is $54.9283, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9398, 0.3457, 0.3650$, and $26.5984, 0.4061, 0.3759$ is the 20% darker color. If you saturate the color by 10%, you get $47.8919, 0.4137, 0.3780$, and if you desaturate by 10%, it is $61.1403, 0.3619, 0.3564$.

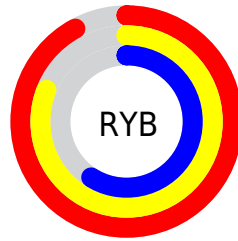
Distribution



Red (92%)

Green (72%)

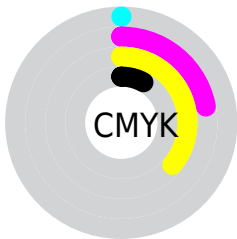
Blue (59%)



Red (92%)

Yellow (81%)

Blue (59%)

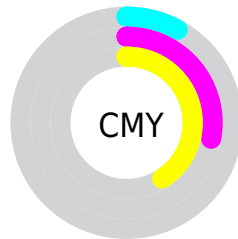


Cyan (0%)

Magenta (22%)

Yellow (36%)

Black (8%)



Cyan (8%)

Magenta (28%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1452, 0.3862, 0.3674 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 54.1452, 0.3862, 0.3674 by changing the saturation by 10% instead.


 54.1452, 0.3862,
0.3674


 54.1452, 0.3862,
0.3674


402.6635, 0.3502,
0.3498

 38.7178, 0.3949,
0.3713

 96.2874, 0.3733,
0.3614

 26.5402, 0.4058,
0.3760


 123.7710, 0.3684,
0.3590

 17.2282, 0.4200,
0.3817


156.0420, 0.3643,
0.3569

 10.3973, 0.4389,
0.3886

193.4849, 0.3607,
0.3551

 5.6632, 0.4652,
0.3968

236.4842, 0.3575,
0.3536

 2.6414, 0.5081,
0.4089

285.4241, 0.3548,

 0.9475, 0.5793,

0.3522

0.4207

340.6890, 0.3524,
0.3509

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1452, 0.3862,
0.3674

54.1452, 0.3862,
0.3674

47.8919, 0.4137,
0.3780

61.1403, 0.3619,
0.3564

42.3466, 0.4441,
0.3872

68.8942, 0.3408,
0.3455

37.4839, 0.4763,
0.3940

77.4330, 0.3226,
0.3351

33.2735, 0.5087,
0.3969

86.7791, 0.3070,
0.3254

■ 29.6822, 0.5387,
0.3949

■ 96.1199, 0.3006,
0.3285

■ 26.6725, 0.5638,
0.3874

■ 96.4079, 0.3006,
0.3290

■ 25.6590, 0.5723,
0.3838

Harmonies

Analogous

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



54.1452, 0.3818, 0.3378



54.1452, 0.3862, 0.3674



54.1452, 0.3698, 0.3894

Triad

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



54.1452, 0.3862, 0.3674



54.1452, 0.2685, 0.3498



54.1452, 0.2843, 0.2701

Complementary

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



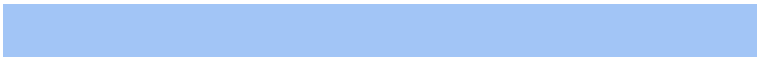
54.1452, 0.3862, 0.3674



54.2881, 0.2561, 0.2868

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.



54.1452, 0.2569, 0.2700



54.1452, 0.3862, 0.3674



54.1452, 0.2481, 0.3137

Square

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



54.1452, 0.3862, 0.3674



54.1452, 0.3012, 0.3812



54.1452, 0.2441, 0.2850



54.1452, 0.3210, 0.2838

Rectangle

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



54.1452, 0.3862, 0.3674



54.1452, 0.3500, 0.3958



54.1452, 0.2441, 0.2850



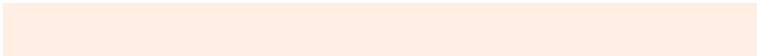
54.1452, 0.2738, 0.2685

Sweetspot

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



54.1478, 0.3862, 0.3674



88.0449, 0.3311, 0.3401



43.7721, 0.3465, 0.2713



18.5473, 0.3336, 0.3415



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.



54.1478, 0.3862, 0.3674



59.7819, 0.4052, 0.3749



73.7832, 0.3705, 0.4097



16.0419, 0.3283, 0.3385



14.5096, 0.5695, 0.3860



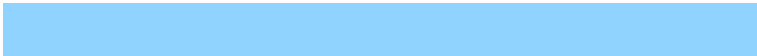
1.3230, 0.5442, 0.4061

Inverse Universe

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



54.2881, 0.2561, 0.2868



59.9515, 0.2454, 0.2770



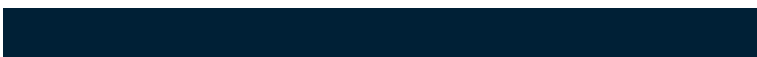
37.6060, 0.2485, 0.2328



16.0533, 0.2981, 0.3194



14.2121, 0.1869, 0.1927



1.3033, 0.1927, 0.2135

Previews

White Background



This preview shows how the Yxy color 54.1452, 0.3862, 0.3674 looks on a white background.

Color Contrast Check

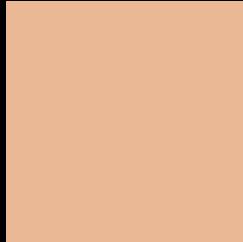
Large Text (above 18pt) WCAG AA × Fail

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 54.1452, 0.3862, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

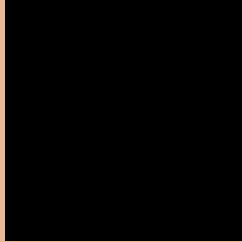
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1452, 0.3862, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 54.1452, 0.3862, 0.3674.



This preview shows how white text looks on a background with the Yxy color 54.1452, 0.3862, 0.3674.

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

54.1452, 0.3862, 0.3674

Protanopia

54.2155, 0.3539, 0.3766

Deuteranopia

54.2046, 0.3796, 0.3728



Tritanopia

53.9973, 0.3546, 0.3137

Trichromacy



Original Color

54.1452, 0.3862, 0.3674

Protanomaly

53.8785, 0.3655, 0.3731

Deuteranomaly

54.2767, 0.3827, 0.3713

Tritanomaly

53.9940, 0.3665, 0.3325

Monochromacy



Original Color

54.1452, 0.3862, 0.3674

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2179, 0.3379, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1452, 0.3862, 0.3674 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(235, 184, 150)` looks like.

```
.text, #text, p{  
    color:rgb(235, 184, 150)  
}
```

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(235, 184, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 150) }
```

Border

The CSS property to change the border of an element to Yxy 54.1452, 0.3862, 0.3674 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(235, 184, 150) }
```

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

```
.border{ border-color:rgb(235, 184, 150) }
```

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

Here you see how a box with a 4 pixel rgb(235, 184, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 184, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 184, 150);  
box-shadow:4px 4px 4px 4px rgb(235, 184,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1452, 0.3862, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 150) }
```

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

```
.background{ background-color: rgb(235,  
184, 150) }
```

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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