

Converting Colors

Yxy(54.1439, 0.3647, 0.3526)

Have a look what the booklet for
Yxy(54.1439, 0.3647, 0.3526)
contains.

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Color

Yxy(54.2019, 0.3646, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	E3BAA6
RGB	227, 186, 166
RGB Percent	89%, 73%, 65%
CMY	0.1100, 0.2705, 0.3490
CMYK	0.00, 0.18, 0.27, 0.11
HSL	20°, 52%, 77%
HSV	20°, 27%, 89%
XYZ	56.1102, 54.2019, 43.5831
YIQ	195.9790, 30.8560, 2.4720

Conversions

Conversions Part 2

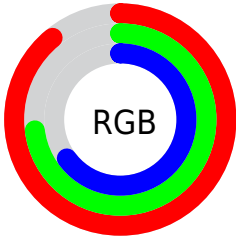
Format	Color
R _Y B	227, 196, 166
Decimal	14924454
CIE Lab	78.58, 11.77, 15.67
CIE LCh	79, 19.601, 53.090
Yxy	54.2019, 0.3646, 0.3522
Android (android.graphics.Color)	4293114534 (0xFFE3BAA6)
YUV	195.9790, -14.7796, 27.2054
Hunter-Lab	73.6219, 7.2035, 16.4365

Details

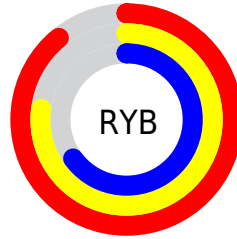
The Yxy color **54.2019, 0.3646, 0.3522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2470, 0.2712, 0.3045**, and the grayscale version is **55.2646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9847, 0.3344, 0.3498**, and **26.6479, 0.3791, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **47.3593, 0.3903, 0.3613**, and if you desaturate by 10%, it is **61.8816, 0.3426, 0.3432**.

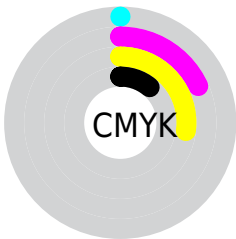
Distribution



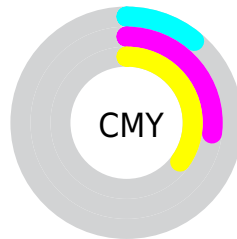
- Red (89%)
- Green (73%)
- Blue (65%)



- Red (89%)
- Yellow (77%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2019, 0.3646, 0.3522 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 54.2019, 0.3646, 0.3522 by changing the saturation by 10% instead.


 54.2019, 0.3646,
0.3522


 54.2019, 0.3646,
0.3522

402.8794, 0.3391,
0.3414

 38.7631, 0.3708,
0.3546


 96.3706, 0.3555,
0.3485

 26.5755, 0.3787,
0.3577

 123.8693, 0.3520,
0.3470

 17.2547, 0.3890,
0.3614


156.1568, 0.3490,
0.3457

 10.4162, 0.4030,
0.3662

193.6175, 0.3465,
0.3447

 5.6758, 0.4231,
0.3724

236.6356, 0.3443,
0.3437

 2.6490, 0.4540,
0.3802

285.5958, 0.3424,

 0.9513, 0.5659,

0.3428

0.4341

340.8822, 0.3406,
0.3421

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2019, 0.3646,
0.3522

54.2019, 0.3646,
0.3522

47.3593, 0.3903,
0.3613

61.8816, 0.3426,
0.3432

41.3171, 0.4199,
0.3699

70.4184, 0.3238,
0.3346

36.0470, 0.4530,
0.3773

79.8412, 0.3080,
0.3265

31.5159, 0.4885,
0.3822

90.0593, 0.2956,
0.3209

■ 27.6879, 0.5243,
0.3835

■ 95.0636, 0.2958,
0.3290

■ 24.5239, 0.5571,
0.3800

■ 21.9789, 0.5839,
0.3717

■ 21.2931, 0.5913,
0.3687

Harmonies

Analogous

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



54.2019, 0.3579, 0.3307



54.2019, 0.3646, 0.3522



54.2019, 0.3567, 0.3689

Triad

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



54.2019, 0.3646, 0.3522



54.2019, 0.2867, 0.3493



54.2019, 0.2875, 0.2860

Complementary

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



54.2019, 0.3646, 0.3522



58.2470, 0.2712, 0.3045

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.



54.2019, 0.2699, 0.2889



54.2019, 0.3646, 0.3522



54.2019, 0.2694, 0.3247

Square

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



54.2019, 0.3646, 0.3522



54.2019, 0.3113, 0.3684



54.2019, 0.2634, 0.3026



54.2019, 0.3125, 0.2936

Rectangle

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



54.2019, 0.3646, 0.3522



54.2019, 0.3446, 0.3746



54.2019, 0.2634, 0.3026



54.2019, 0.2806, 0.2857

Sweetspot

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



54.2044, 0.3646, 0.3522



90.3232, 0.3259, 0.3356



48.1353, 0.3322, 0.2823



18.9613, 0.3286, 0.3369



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.



54.2044, 0.3646, 0.3522



65.6934, 0.3779, 0.3571



68.0768, 0.3562, 0.3846



15.1372, 0.3284, 0.3368



12.6135, 0.5886, 0.3708



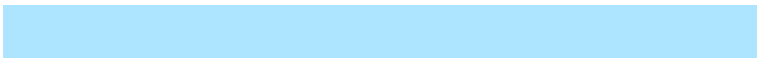
1.0970, 0.5602, 0.3934

Inverse Universe

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



58.2470, 0.2712, 0.3045



71.7474, 0.2632, 0.2989



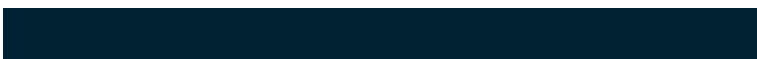
45.1666, 0.2675, 0.2665



15.4967, 0.2981, 0.3211



16.6380, 0.1940, 0.2182



1.3975, 0.1990, 0.2363

Previews

White Background



This preview shows how the Yxy color 54.2019, 0.3646, 0.3522 looks on a white background.

Color Contrast Check

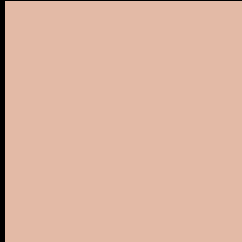
Large Text (above 18pt) WCAG AA × Fail

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 54.2019, 0.3646, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

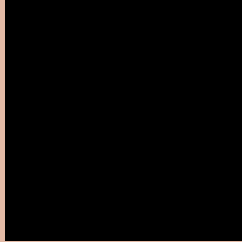
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2019, 0.3646, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 54.2019, 0.3646, 0.3522.



This preview shows how white text looks on a background with the Yxy color 54.2019, 0.3646, 0.3522.

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

54.2019, 0.3646, 0.3522

Protanopia

54.3232, 0.3394, 0.3584

Deuteranopia

54.1411, 0.3617, 0.3535



Tritanopia

54.2644, 0.3426, 0.3134

Trichromacy



Original Color

54.2019, 0.3646, 0.3522

Protanomaly

54.1232, 0.3477, 0.3555

Deuteranomaly

54.3014, 0.3626, 0.3535

Tritanomaly

54.0278, 0.3509, 0.3268

Monochromacy



Original Color

54.2019, 0.3646, 0.3522

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4675, 0.3305, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2019, 0.3646, 0.3522 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(227, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 166)  
}
```

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(227, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 166) }
```

Border

The CSS property to change the border of an element to Yxy 54.2019, 0.3646, 0.3522 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(227, 186, 166) }
```

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

```
.border{ border-color:rgb(227, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 166);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2019, 0.3646, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 166) }
```

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

```
.background{ background-color: rgb(227,  
186, 166) }
```

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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