

Converting Colors

Yxy(54.7243, 0.3881, 0.3924)

Have a look what the booklet for
Yxy(54.7243, 0.3881, 0.3924)
contains.

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Color

Yxy(54.7449, 0.3881, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	E2BE87
RGB	226, 190, 135
RGB Percent	89%, 75%, 53%
CMY	0.1138, 0.2548, 0.4707
CMYK	0.00, 0.16, 0.40, 0.11
HSL	36°, 61%, 71%
HSV	36°, 40%, 89%
XYZ	54.1450, 54.7449, 30.6231
YIQ	194.4940, 39.1110, -9.4730

Conversions

Conversions Part 2

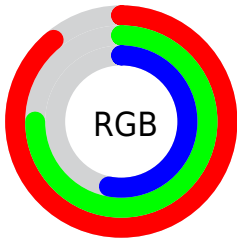
Format	Color
R_{YB}	195, 226, 135
Decimal	14859911
CIE _{Lab}	78.89, 5.46, 32.57
CIE _{LCh}	79, 33.028, 80.485
Yxy	54.7449, 0.3881, 0.3924
Android (android.graphics.Color)	4293049991 (0xFFE2BE87)
YUV	194.4940, -29.3305, 27.6308
Hunter-Lab	73.9898, 1.1424, 27.2537

Details

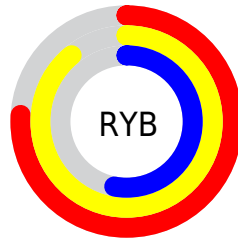
The Yxy color **54.7449, 0.3881, 0.3924** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.7415, 0.2459, 0.2554**, and the grayscale version is **54.4159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8457, 0.3540, 0.3857**, and **26.9664, 0.4074, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **50.4257, 0.4108, 0.4074**, and if you desaturate by 10%, it is **59.4414, 0.3667, 0.3764**.

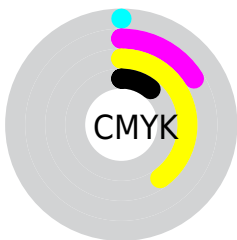
Distribution



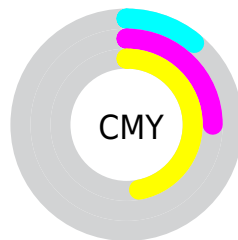
- Red (89%)
- Green (75%)
- Blue (53%)



- Red (76%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7449, 0.3881, 0.3924 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 54.7449, 0.3881, 0.3924 by changing the saturation by 10% instead.


 54.7449, 0.3881,
0.3924


 54.7449, 0.3881,
0.3924


404.9442, 0.3517,
0.3626

 39.1975, 0.3966,
0.3992


 97.1671, 0.3753,
0.3821

 26.9134, 0.4072,
0.4074


 124.8107, 0.3703,
0.3780

 17.5082, 0.4205,
0.4175


 157.2552, 0.3661,
0.3745

 10.5975, 0.4378,
0.4301

194.8849, 0.3625,
0.3715

 5.7969, 0.4603,
0.4455

238.0842, 0.3593,
0.3689

 2.7220, 0.5140,
0.4859

287.2377, 0.3565,

 0.9884, 0.5245,

0.3665

342.7295, 0.3540,
0.3644

0.4755

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7449, 0.3881,
0.3924

54.7449, 0.3881,
0.3924

50.4257, 0.4108,
0.4074

59.4414, 0.3667,
0.3764

46.4633, 0.4342,
0.4205


64.5195, 0.3469,
0.3602


42.8462, 0.4571,
0.4303

69.9931, 0.3291,
0.3444

39.5592, 0.4784,
0.4358


75.8727, 0.3131,
0.3294


 36.5844, 0.4969,
0.4361

 82.1686, 0.2990,
0.3153

 33.9644, 0.5118,
0.4318

 87.8473, 0.2950,
0.3174

 93.3413, 0.2952,
0.3265

 94.9060, 0.2952,
0.3289

Harmonies

Analogous

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



54.7449, 0.4002, 0.3623



54.7449, 0.3881, 0.3924



54.7449, 0.3556, 0.4077

Triad

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



54.7449, 0.3881, 0.3924



54.7449, 0.2432, 0.3239



54.7449, 0.3076, 0.2700

Complementary

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



54.7449, 0.3881, 0.3924



39.7415, 0.2459, 0.2554

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.



54.7449, 0.2674, 0.2588



54.7449, 0.3881, 0.3924



54.7449, 0.2323, 0.2863

Square

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



54.7449, 0.3881, 0.3924



54.7449, 0.2720, 0.3671



54.7449, 0.2409, 0.2638



54.7449, 0.3520, 0.2943

Rectangle

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



54.7449, 0.3881, 0.3924



54.7449, 0.3275, 0.4050



54.7449, 0.2409, 0.2638



54.7449, 0.2932, 0.2646

Sweetspot

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



54.7475, 0.3881, 0.3924



90.7088, 0.3322, 0.3472



36.4403, 0.3730, 0.2867



19.2090, 0.3345, 0.3493



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.



54.7475, 0.3881, 0.3924



67.3872, 0.4063, 0.4046



70.8657, 0.3658, 0.4310



15.0728, 0.3277, 0.3432



19.6176, 0.5100, 0.4333



1.5330, 0.4923, 0.4473

Inverse Universe

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



39.7415, 0.2459, 0.2554



45.2111, 0.2320, 0.2375



28.7455, 0.2450, 0.2078



14.1276, 0.2981, 0.3144



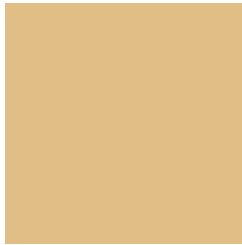
7.4553, 0.1682, 0.1255



0.6879, 0.1767, 0.1562

Previews

White Background



This preview shows how the Yxy color 54.7449, 0.3881, 0.3924 looks on a white background.

Color Contrast Check

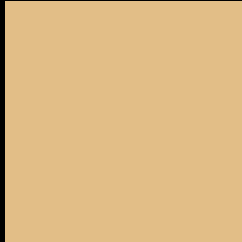
Large Text (above 18pt) WCAG AA × Fail

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 54.7449, 0.3881, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

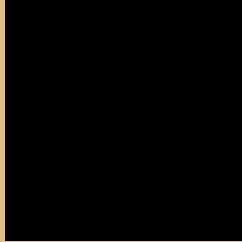
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7449, 0.3881, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 54.7449, 0.3881, 0.3924.



This preview shows how white text looks on a background with the Yxy color 54.7449, 0.3881, 0.3924.

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

54.7449, 0.3881, 0.3924

Protanopia

54.6852, 0.3712, 0.3988

Deuteranopia

54.6419, 0.3949, 0.3865



Tritanopia

54.5972, 0.3443, 0.3135

Trichromacy



Original Color

54.7449, 0.3881, 0.3924

Protanomaly

54.5164, 0.3772, 0.3967

Deuteranomaly

54.5670, 0.3917, 0.3882

Tritanomaly

54.5769, 0.3607, 0.3417

Monochromacy



Original Color

54.7449, 0.3881, 0.3924

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2789, 0.3389, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7449, 0.3881, 0.3924 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, 190, 135)` looks like.

```
.text, #text, p{  
    color:rgb(226, 190, 135)  
}
```

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, 190, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 190, 135) }
```

Border

The CSS property to change the border of an element to Yxy 54.7449, 0.3881, 0.3924 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, 190, 135) }
```

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

```
.border{ border-color:rgb(226, 190, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 190, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 190, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 190, 135); box-shadow:4px 4px 4px 4px rgb(226, 190, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7449, 0.3881, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 190, 135) }
```

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

```
.background{ background-color: rgb(226,  
190, 135) }
```

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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