

Converting Colors

$Yxy(54.3332, 0.3938, 0.3967)$

Have a look what the booklet for
Yxy(54.3332, 0.3938, 0.3967)
contains.

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Color

Yxy(54.3378, 0.3934, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	E3BD82
RGB	227, 189, 130
RGB Percent	89%, 74%, 51%
CMY	0.1099, 0.2588, 0.4901
CMYK	0.00, 0.17, 0.43, 0.11
HSL	37°, 63%, 70%
HSV	37°, 43%, 89%
XYZ	53.8994, 54.3378, 28.7719
YIQ	193.6360, 41.5870, -10.2930

Conversions

Conversions Part 2

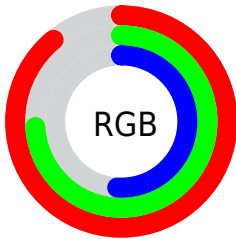
Format	Color
R _Y B	192, 227, 130
Decimal	14925186
CIE Lab	78.66, 5.85, 34.86
CIE LCh	79, 35.350, 80.477
Yxy	54.3378, 0.3934, 0.3966
Android (android.graphics.Color)	4293115266 (0xFFE3BD82)
YUV	193.6360, -31.3725, 29.2602
Hunter-Lab	73.7142, 1.5183, 28.4580

Details

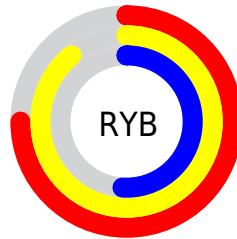
The Yxy color **54.3378, 0.3934, 0.3966** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.2864, 0.2416, 0.2495**, and the grayscale version is **53.8935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0255, 0.3574, 0.3898**, and **26.7336, 0.4134, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **50.0897, 0.4162, 0.4113**, and if you desaturate by 10%, it is **58.9596, 0.3717, 0.3807**.

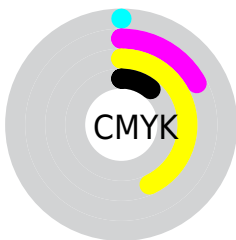
Distribution



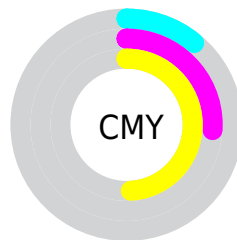
- Red (89%)
- Green (74%)
- Blue (51%)



- Red (75%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3378, 0.3934, 0.3966 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 54.3378, 0.3934, 0.3966 by changing the saturation by 10% instead.


 54.3378, 0.3934,
0.3966


 54.3378, 0.3934,
0.3966


403.3968, 0.3545,
0.3649


 38.8718, 0.4025,
0.4037


 96.5701, 0.3797,
0.3857

 26.6600, 0.4136,
0.4123


 124.1051, 0.3744,
0.3814

 17.3180, 0.4277,
0.4228

 156.4319, 0.3699,
0.3777

 10.4615, 0.4457,
0.4357

193.9349, 0.3660,
0.3745

 5.7060, 0.4687,
0.4508

236.9985, 0.3626,
0.3716

 2.6672, 0.5161,
0.4839

286.0071, 0.3596,

 0.9605, 0.5274,

0.3691

0.4726

341.3451, 0.3569,
0.3669

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3378, 0.3934,
0.3966

54.3378, 0.3934,
0.3966

50.0897, 0.4162,
0.4113

58.9596, 0.3717,
0.3807

46.1947, 0.4395,
0.4238

63.9597, 0.3516,
0.3644


42.6409, 0.4620,
0.4327

69.3520, 0.3333,
0.3484

39.4124, 0.4825,
0.4371

75.1474, 0.3169,
0.3330

 36.4908, 0.4999,
0.4361

 81.3561, 0.3023,
0.3186

 34.5369, 0.5108,
0.4326

 87.2455, 0.2956,
0.3161

 92.6735, 0.2957,
0.3252

 95.0661, 0.2958,
0.3290

Harmonies

Analogous

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



54.3378, 0.4066, 0.3642



54.3378, 0.3934, 0.3966



54.3378, 0.3584, 0.4136

Triad

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



54.3378, 0.3934, 0.3966



54.3378, 0.2384, 0.3233



54.3378, 0.3071, 0.2661

Complementary

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



54.3378, 0.3934, 0.3966



38.2864, 0.2416, 0.2495

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.



54.3378, 0.2642, 0.2541



54.3378, 0.3934, 0.3966



54.3378, 0.2270, 0.2831

Square

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



54.3378, 0.3934, 0.3966



54.3378, 0.2690, 0.3700



54.3378, 0.2360, 0.2593



54.3378, 0.3548, 0.2919

Rectangle

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



54.3378, 0.3934, 0.3966



54.3378, 0.3283, 0.4109



54.3378, 0.2360, 0.2593



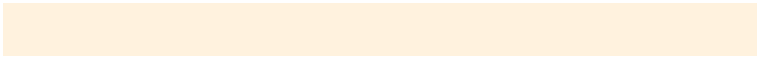
54.3378, 0.2916, 0.2604

Sweetspot

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



54.3404, 0.3934, 0.3966



90.0437, 0.3339, 0.3489



35.1529, 0.3783, 0.2842



18.9305, 0.3378, 0.3525



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.



54.3404, 0.3934, 0.3966



65.9675, 0.4130, 0.4094



71.3281, 0.3687, 0.4370



15.8203, 0.3277, 0.3433



20.3811, 0.5090, 0.4340



1.6856, 0.4924, 0.4472

Inverse Universe

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



38.2864, 0.2416, 0.2495



42.5724, 0.2268, 0.2299



27.0648, 0.2401, 0.1992



14.8080, 0.2981, 0.3143



7.5995, 0.1679, 0.1242



0.7381, 0.1759, 0.1533

Previews

White Background



This preview shows how the Yxy color 54.3378, 0.3934, 0.3966 looks on a white background.

Color Contrast Check

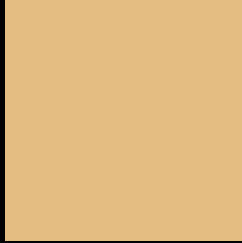
Large Text (above 18pt) WCAG AA × Fail

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 54.3378, 0.3934, 0.3966 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 54.3378, 0.3934, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 54.3378, 0.3934, 0.3966.



This preview shows how white text looks on a background with the Yxy color 54.3378, 0.3934, 0.3966.

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

54.3378, 0.3934, 0.3966

Protanopia

54.5450, 0.3750, 0.4047

Deuteranopia

54.0801, 0.3995, 0.3909



Tritanopia

54.3115, 0.3462, 0.3135

Trichromacy



Original Color

54.3378, 0.3934, 0.3966

Protanomaly

54.5303, 0.3819, 0.4022

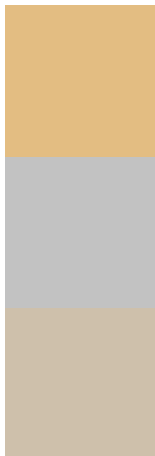
Deuteranomaly

54.1683, 0.3972, 0.3924

Tritanomaly

54.2102, 0.3645, 0.3439

Monochromacy



Original Color

54.3378, 0.3934, 0.3966

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7614, 0.3407, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3378, 0.3934, 0.3966 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, 189, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 130)  
}
```

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, 189, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 130) }
```

Border

The CSS property to change the border of an element to Yxy 54.3378, 0.3934, 0.3966 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, 189, 130) }
```

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

```
.border{ border-color:rgb(227, 189, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3378, 0.3934, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 130) }
```

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

```
.background{ background-color: rgb(227,  
189, 130) }
```

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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