

Converting Colors

Yxy(53.5801, 0.4024, 0.3931)

Have a look what the booklet for
Yxy(53.5801, 0.4024, 0.3931)
contains.

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Color

Yxy(53.5801, 0.4024, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	E9B980
RGB	233, 185, 128
RGB Percent	91%, 73%, 50%
CMY	0.0863, 0.2745, 0.4980
CMYK	0.00, 0.21, 0.45, 0.09
HSL	33°, 70%, 71%
HSV	33°, 45%, 91%
XYZ	54.8477, 53.5801, 27.8736
YIQ	192.8540, 46.9050, -7.5510

Conversions

Conversions Part 2

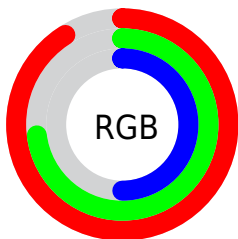
Format	Color
R _Y B	216, 233, 128
Decimal	15317376
CIE Lab	78.22, 10.17, 35.45
CIE LCh	78, 36.879, 73.997
Yxy	53.5801, 0.4024, 0.3931
Android (android.graphics.Color)	4293507456 (0xFFE9B980)
YUV	192.8540, -31.9730, 35.2080
Hunter-Lab	73.1984, 5.6531, 28.6615

Details

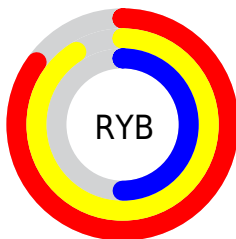
The Yxy color **53.5801, 0.4024, 0.3931** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5172, 0.2391, 0.2536**, and the grayscale version is **53.4101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5068, 0.3604, 0.3891**, and **26.1665, 0.4247, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **48.7478, 0.4276, 0.4060**, and if you desaturate by 10%, it is **58.8920, 0.3788, 0.3789**.

Distribution



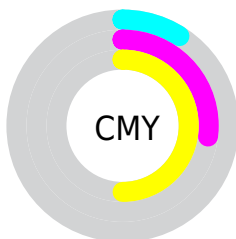
- Red (91%)
- Green (73%)
- Blue (50%)



- Red (85%)
- Yellow (91%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5801, 0.4024, 0.3931 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 53.5801, 0.4024, 0.3931 by changing the saturation by 10% instead.


 53.5801, 0.4024,
0.3931


 53.5801, 0.4024,
0.3931


400.5068, 0.3590,
0.3635


 38.2661, 0.4126,
0.3996


 95.4574, 0.3871,
0.3830

 26.1893, 0.4252,
0.4073


 122.7895, 0.3812,
0.3790

 16.9653, 0.4411,
0.4165


 154.8964, 0.3761,
0.3756

 10.2097, 0.4614,
0.4273

192.1625, 0.3718,
0.3725

 5.5382, 0.4878,
0.4391

234.9722, 0.3679,
0.3699

 2.5664, 0.5372,
0.4628

283.7099, 0.3646,

 0.9098, 0.5568,

0.3675

0.4432

338.7599, 0.3616,
0.3654

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5801, 0.4024,
0.3931

53.5801, 0.4024,
0.3931

48.7478, 0.4276,
0.4060

58.8920, 0.3788,
0.3789

44.3706, 0.4534,
0.4163

64.6918, 0.3572,
0.3642


40.4323, 0.4787,
0.4229

70.9971, 0.3378,
0.3497


36.9124, 0.5019,
0.4245

77.8218, 0.3206,
0.3357

 33.7872, 0.5215,
0.4207

 85.1796, 0.3055,
0.3226

 32.3744, 0.5301,
0.4173

 92.2315, 0.2993,
0.3229

 96.0623, 0.2993,
0.3290

Harmonies

Analogous

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



53.5801, 0.4104, 0.3572



53.5801, 0.4024, 0.3931



53.5801, 0.3697, 0.4157

Triad

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



53.5801, 0.4024, 0.3931



53.5801, 0.2403, 0.3335



53.5801, 0.2961, 0.2593

Complementary

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



53.5801, 0.4024, 0.3931



41.5172, 0.2391, 0.2536

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.



53.5801, 0.2541, 0.2504



53.5801, 0.4024, 0.3931



53.5801, 0.2239, 0.2886

Square

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



53.5801, 0.4024, 0.3931



53.5801, 0.2759, 0.3817



53.5801, 0.2288, 0.2598



53.5801, 0.3463, 0.2834

Rectangle

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



53.5801, 0.4024, 0.3931



53.5801, 0.3394, 0.4175



53.5801, 0.2288, 0.2598



53.5801, 0.2806, 0.2545

Sweetspot

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



53.5827, 0.4024, 0.3931



87.9385, 0.3360, 0.3483



35.9356, 0.3756, 0.2741



18.4489, 0.3400, 0.3514



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.



53.5827, 0.4024, 0.3931



60.2803, 0.4255, 0.4050



76.5710, 0.3768, 0.4405



16.4093, 0.3279, 0.3418



18.6224, 0.5279, 0.4190



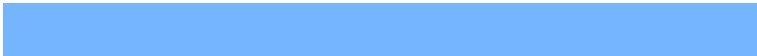
1.6543, 0.5088, 0.4342

Inverse Universe

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



41.5172, 0.2391, 0.2536



43.7592, 0.2242, 0.2348



26.1874, 0.2300, 0.1891



15.6831, 0.2980, 0.3159



9.4858, 0.1733, 0.1440



0.9351, 0.1807, 0.1703

Previews

White Background



This preview shows how the Yxy color 53.5801, 0.4024, 0.3931 looks on a white background.

Color Contrast Check

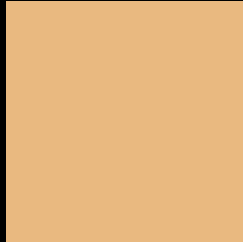
Large Text (above 18pt) WCAG AA × Fail

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 53.5801, 0.4024, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

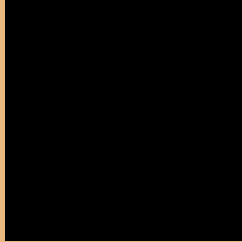
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5801, 0.4024, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 53.5801, 0.4024, 0.3931.



This preview shows how white text looks on a background with the Yxy color 53.5801, 0.4024, 0.3931.

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

53.5801, 0.4024, 0.3931

Protanopia

53.9239, 0.3753, 0.4050

Deuteranopia

53.5801, 0.4024, 0.3931



Tritanopia

53.5566, 0.3557, 0.3137

Trichromacy



Original Color

53.5801, 0.4024, 0.3931

Protanomaly

53.7787, 0.3845, 0.4009

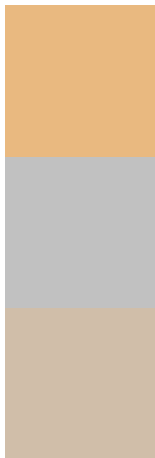
Deuteranomaly

53.5801, 0.4024, 0.3931

Tritanomaly

53.4742, 0.3736, 0.3426

Monochromacy



Original Color

53.5801, 0.4024, 0.3931

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1014, 0.3445, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5801, 0.4024, 0.3931 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(233, 185, 128)` looks like.

```
.text, #text, p{  
    color:rgb(233, 185, 128)  
}
```

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(233, 185, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 185, 128) }
```

Border

The CSS property to change the border of an element to Yxy 53.5801, 0.4024, 0.3931 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(233, 185, 128) }
```

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

```
.border{ border-color:rgb(233, 185, 128) }
```

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

Here you see how a box with a 4 pixel rgb(233, 185, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 185, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 185, 128);  
box-shadow:4px 4px 4px 4px rgb(233, 185,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5801, 0.4024, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 185, 128) }
```

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

```
.background{ background-color: rgb(233,  
185, 128) }
```

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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