

Converting Colors

Yxy(53.6113, 0.3900, 0.3756)

Have a look what the booklet for
Yxy(53.6113, 0.3900, 0.3756)
contains.

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Color

Yxy(53.5878, 0.3904, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	E9B88F
RGB	233, 184, 143
RGB Percent	91%, 72%, 56%
CMY	0.0863, 0.2784, 0.4393
CMYK	0.00, 0.21, 0.39, 0.09
HSL	27°, 67%, 74%
HSV	27°, 39%, 91%
XYZ	55.6994, 53.5878, 33.3854
YIQ	193.9770, 42.3650, -2.3630

Conversions

Conversions Part 2

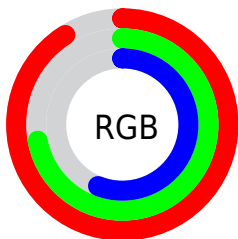
Format	Color
R _Y B	233, 218, 143
Decimal	15317135
CIE Lab	78.22, 12.29, 27.59
CIE LCh	78, 30.200, 65.984
Yxy	53.5878, 0.3904, 0.3756
Android (android.graphics.Color)	4293507215 (0xFFE9B88F)
YUV	193.9770, -25.1317, 34.2232
Hunter-Lab	73.2037, 7.7109, 24.2027

Details

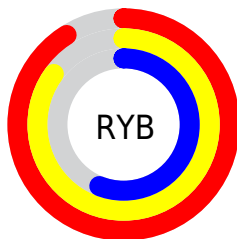
The Yxy color **53.5878, 0.3904, 0.3756** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.4021, 0.2513, 0.2767**, and the grayscale version is **54.0673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6114, 0.3503, 0.3721**, and **26.2354, 0.4116, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **47.9222, 0.4171, 0.3873**, and if you desaturate by 10%, it is **59.8772, 0.3664, 0.3632**.

Distribution



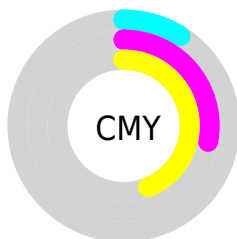
- Red (91%)
- Green (72%)
- Blue (56%)



- Red (91%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5878, 0.3904, 0.3756 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 53.5878, 0.3904, 0.3756 by changing the saturation by 10% instead.


 53.5878, 0.3904,
0.3756


 53.5878, 0.3904,
0.3756


400.5362, 0.3524,
0.3541

 38.2722, 0.3995,
0.3804


 95.4688, 0.3768,
0.3682

 26.1940, 0.4109,
0.3861

 122.8029, 0.3717,
0.3653

 16.9689, 0.4257,
0.3931


154.9120, 0.3673,
0.3628

 10.2123, 0.4452,
0.4016

192.1805, 0.3635,
0.3606

 5.5399, 0.4719,
0.4116

234.9928, 0.3602,
0.3587

 2.5674, 0.5225,
0.4324

283.7333, 0.3573,

 0.9103, 0.5703,

0.3570

0.4297

338.7863, 0.3547,
0.3554

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5878, 0.3904,
0.3756

53.5878, 0.3904,
0.3756

47.9222, 0.4171,
0.3873

59.8772, 0.3664,
0.3632

42.8514, 0.4458,
0.3974

66.8031, 0.3452,
0.3508

38.3547, 0.4756,
0.4047

74.3871, 0.3267,
0.3388

34.4073, 0.5048,
0.4077

82.6475, 0.3107,
0.3275

■ 30.9814, 0.5311,
0.4054

■ 91.3104, 0.2993,
0.3214

■ 28.0419, 0.5531,
0.3979

■ 96.0623, 0.2993,
0.3290

■ 27.6733, 0.5560,
0.3968

Harmonies

Analogous

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



53.5878, 0.3903, 0.3446



53.5878, 0.3904, 0.3756



53.5878, 0.3687, 0.3971

Triad

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



53.5878, 0.3904, 0.3756



53.5878, 0.2595, 0.3439



53.5878, 0.2890, 0.2675

Complementary

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



53.5878, 0.3904, 0.3756



49.4021, 0.2513, 0.2767

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.



53.5878, 0.2571, 0.2643



53.5878, 0.3904, 0.3756



53.5878, 0.2409, 0.3053

Square

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



53.5878, 0.3904, 0.3756



53.5878, 0.2927, 0.3803



53.5878, 0.2401, 0.2770



53.5878, 0.3295, 0.2847

Rectangle

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



53.5878, 0.3904, 0.3756



53.5878, 0.3457, 0.4017



53.5878, 0.2401, 0.2770



53.5878, 0.2770, 0.2647

Sweetspot

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



53.5903, 0.3904, 0.3756



88.0160, 0.3327, 0.3428



40.7882, 0.3556, 0.2737



18.5754, 0.3351, 0.3444



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.



53.5903, 0.3904, 0.3756



60.4224, 0.4104, 0.3846



75.0623, 0.3723, 0.4206



16.1852, 0.3281, 0.3398



15.9448, 0.5534, 0.3988



1.4422, 0.5302, 0.4173

Inverse Universe

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



49.4021, 0.2513, 0.2767



54.6182, 0.2395, 0.2643



32.7374, 0.2424, 0.2172



15.9073, 0.2981, 0.3180



12.1711, 0.1814, 0.1730



1.1477, 0.1879, 0.1964

Previews

White Background



This preview shows how the Yxy color 53.5878, 0.3904, 0.3756 looks on a white background.

Color Contrast Check

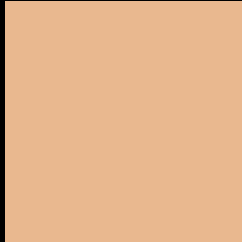
Large Text (above 18pt) WCAG AA × Fail

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 53.5878, 0.3904, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

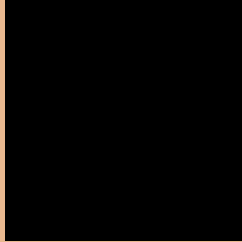
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5878, 0.3904, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 53.5878, 0.3904, 0.3756.



This preview shows how white text looks on a background with the Yxy color 53.5878, 0.3904, 0.3756.

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

53.5878, 0.3904, 0.3756

Protanopia

53.5119, 0.3605, 0.3853

Deuteranopia

53.7590, 0.3860, 0.3784



Tritanopia

53.3830, 0.3548, 0.3137

Trichromacy



Original Color

53.5878, 0.3904, 0.3756

Protanomaly

53.5012, 0.3703, 0.3816

Deuteranomaly

53.5041, 0.3873, 0.3772

Tritanomaly

53.5314, 0.3674, 0.3359

Monochromacy



Original Color

53.5878, 0.3904, 0.3756

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3320, 0.3396, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5878, 0.3904, 0.3756 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, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(233, 184, 143)  
}
```

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, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 184, 143) }
```

Border

The CSS property to change the border of an element to Yxy 53.5878, 0.3904, 0.3756 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, 184, 143) }
```

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

```
.border{ border-color:rgb(233, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 184, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 184, 143); box-shadow:4px 4px 4px 4px rgb(233, 184, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5878, 0.3904, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 184, 143) }
```

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

```
.background{ background-color: rgb(233,  
184, 143) }
```

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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