

Converting Colors

$Yxy(53.6790, 0.3821, 0.3652)$

Have a look what the booklet for
Yxy(53.6790, 0.3821, 0.3652)
contains.

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Color

Yxy(53.7038, 0.3818, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	E8B898
RGB	232, 184, 152
RGB Percent	91%, 72%, 60%
CMY	0.0902, 0.2784, 0.4040
CMYK	0.00, 0.21, 0.34, 0.09
HSL	24°, 63%, 75%
HSV	24°, 34%, 91%
XYZ	56.0835, 53.7038, 37.1050
YIQ	194.7040, 38.8800, 0.2240

Conversions

Conversions Part 2

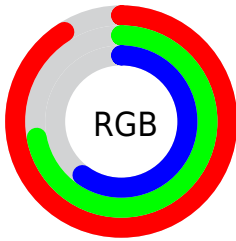
Format	Color
R _Y B	232, 205, 152
Decimal	15251608
CIE Lab	78.29, 12.96, 22.87
CIE LCh	78, 26.285, 60.464
Yxy	53.7038, 0.3818, 0.3656
Android (android.graphics.Color)	4293441688 (0xFFE8B898)
YUV	194.7040, -21.0531, 32.7086
Hunter-Lab	73.2829, 8.3612, 21.2780

Details

The Yxy color **53.7038, 0.3818, 0.3656** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7887, 0.2587, 0.2890**, and the grayscale version is **54.4984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0364, 0.3444, 0.3629**, and **26.2861, 0.4002, 0.3737** is the 20% darker color. If you saturate the color by 10%, you get **47.5203, 0.4088, 0.3763**, and if you desaturate by 10%, it is **60.6094, 0.3581, 0.3546**.

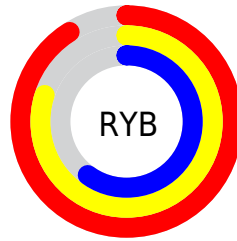
Distribution



Red (91%)

Green (72%)

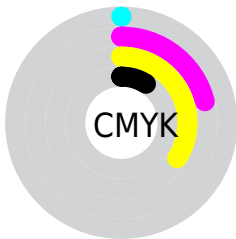
Blue (60%)



Red (91%)

Yellow (80%)

Blue (60%)

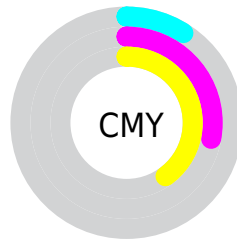


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (9%)



Cyan (9%)


Magenta (28%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7038, 0.3818, 0.3656 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 53.7038, 0.3818, 0.3656 by changing the saturation by 10% instead.


 53.7038, 0.3818,
0.3656

 53.7038, 0.3818,
0.3656


400.9795, 0.3479,
0.3487

 38.3649, 0.3900,
0.3694

 95.6392, 0.3697,
0.3598

 26.2660, 0.4004,
0.3740


 123.0045, 0.3650,
0.3575

 17.0228, 0.4138,
0.3796


155.1474, 0.3611,
0.3555

 10.2507, 0.4319,
0.3865

192.4523, 0.3577,
0.3538

 5.5655, 0.4572,
0.3950

235.3035, 0.3548,
0.3523

 2.5827, 0.4977,
0.4069

284.0855, 0.3522,

 0.9180, 0.5743,

0.3509

0.4257

339.1827, 0.3499,
0.3498

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7038, 0.3818,
0.3656

53.7038, 0.3818,
0.3656

47.5203, 0.4088,
0.3763

60.6094, 0.3581,
0.3546

42.0264, 0.4386,
0.3859

68.2533, 0.3375,
0.3437

37.1978, 0.4706,
0.3931

76.6603, 0.3198,
0.3334

33.0058, 0.5030,
0.3968

85.8521, 0.3047,
0.3238

■ 29.4189, 0.5336,
0.3957

■ 94.9851, 0.2987,
0.3275

■ 26.4016, 0.5596,
0.3892

■ 95.8947, 0.2987,
0.3290

■ 24.9617, 0.5720,
0.3840

Harmonies

Analogous

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



53.7038, 0.3777, 0.3377



53.7038, 0.3818, 0.3656



53.7038, 0.3663, 0.3860

Triad

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



53.7038, 0.3818, 0.3656



53.7038, 0.2709, 0.3483



53.7038, 0.2863, 0.2734

Complementary

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



53.7038, 0.3818, 0.3656



53.7887, 0.2587, 0.2890

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.



53.7038, 0.2602, 0.2733



53.7038, 0.3818, 0.3656



53.7038, 0.2517, 0.3145

Square

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



53.7038, 0.3818, 0.3656



53.7038, 0.3017, 0.3777



53.7038, 0.2479, 0.2875



53.7038, 0.3209, 0.2865

Rectangle

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



53.7038, 0.3818, 0.3656



53.7038, 0.3477, 0.3918



53.7038, 0.2479, 0.2875



53.7038, 0.2763, 0.2718

Sweetspot

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



53.7063, 0.3818, 0.3656



89.0939, 0.3293, 0.3391



43.7731, 0.3457, 0.2755



18.7584, 0.3319, 0.3405



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.



53.7063, 0.3818, 0.3656



61.3102, 0.3996, 0.3729



72.7278, 0.3673, 0.4072



15.3102, 0.3282, 0.3385



14.0896, 0.5691, 0.3863



1.2190, 0.5425, 0.4075

Inverse Universe

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



53.7887, 0.2587, 0.2890



61.4079, 0.2484, 0.2797



37.6330, 0.2517, 0.2364



15.3175, 0.2981, 0.3194



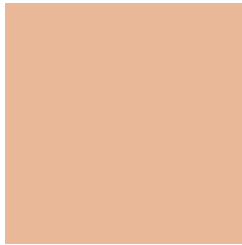
13.7580, 0.1868, 0.1926



1.1973, 0.1929, 0.2146

Previews

White Background



This preview shows how the Yxy color 53.7038, 0.3818, 0.3656 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 53.7038, 0.3818, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

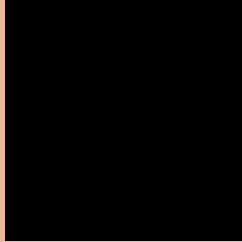
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7038, 0.3818, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 53.7038, 0.3818, 0.3656.



This preview shows how white text looks on a background with the Yxy color 53.7038, 0.3818, 0.3656.

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

53.7038, 0.3818, 0.3656

Protanopia

54.1057, 0.3522, 0.3755

Deuteranopia

53.7157, 0.3766, 0.3684



Tritanopia

53.4794, 0.3520, 0.3136

Trichromacy



Original Color

53.7038, 0.3818, 0.3656

Protanomaly

53.6405, 0.3621, 0.3710

Deuteranomaly

53.6229, 0.3787, 0.3670

Tritanomaly

53.4790, 0.3638, 0.3325

Monochromacy



Original Color

53.7038, 0.3818, 0.3656

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9262, 0.3362, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7038, 0.3818, 0.3656 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(232, 184, 152)` looks like.

```
.text, #text, p{  
    color:rgb(232, 184, 152)  
}
```

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(232, 184, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 184, 152) }
```

Border

The CSS property to change the border of an element to Yxy 53.7038, 0.3818, 0.3656 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(232, 184, 152) }
```

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

```
.border{ border-color:rgb(232, 184, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 184, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 184, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 184, 152);  
box-shadow:4px 4px 4px 4px rgb(232, 184,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7038, 0.3818, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 184, 152) }
```

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

```
.background{ background-color: rgb(232,  
184, 152) }
```

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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