

Converting Colors

$Y_{xy}(52.8504, 0.3792, 0.3571)$

Have a look what the booklet for
Yxy(52.8504, 0.3792, 0.3571)
contains.

Yxy(52.8057, 0.3794, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8057, 0.3794, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	E9B59D
RGB	233, 181, 157
RGB Percent	91%, 71%, 62%
CMY	0.0863, 0.2902, 0.3842
CMYK	0.00, 0.22, 0.33, 0.09
HSL	19°, 63%, 76%
HSV	19°, 33%, 91%
XYZ	56.2135, 52.8057, 39.1450
YIQ	193.8120, 38.6960, 3.5600

Conversions

Conversions Part 2

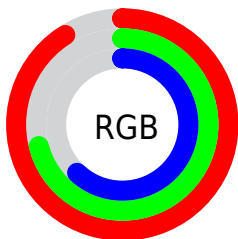
Format	Color
R_{YB}	233, 192, 157
Decimal	15316381
CIE _{Lab}	77.76, 15.56, 19.44
CIE _{LCh}	78, 24.903, 51.331
Yxy	52.8057, 0.3794, 0.3564
Android (android.graphics.Color)	4293506461 (0xFFE9B59D)
YUV	193.8120, -18.1483, 34.3679
Hunter-Lab	72.6675, 10.9142, 18.9286

Details

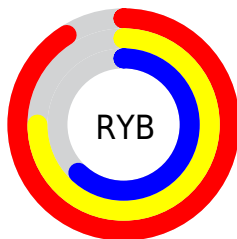
The Yxy color **52.8057, 0.3794, 0.3564** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.6647, 0.2627, 0.2996**, and the grayscale version is **53.9263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5818, 0.3410, 0.3540**, and **25.7091, 0.3973, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **45.9682, 0.4077, 0.3650**, and if you desaturate by 10%, it is **60.5421, 0.3550, 0.3476**.

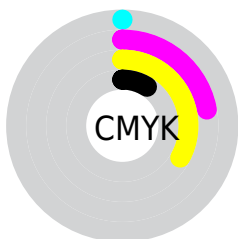
Distribution



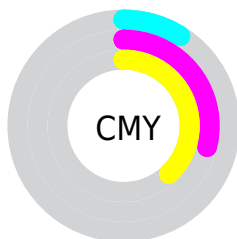
- Red (91%)
- Green (71%)
- Blue (62%)



- Red (91%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (9%)




- Cyan (9%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8057, 0.3794, 0.3564 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 52.8057, 0.3794, 0.3564 by changing the saturation by 10% instead.


 52.8057, 0.3794,
0.3564

 52.8057, 0.3794,
0.3564


397.5392, 0.3465,
0.3439

 37.6477, 0.3874,
0.3592


 94.3184, 0.3676,
0.3521

 25.7094, 0.3976,
0.3625


 121.4419, 0.3631,
0.3504

 16.6063, 0.4109,
0.3665


153.3226, 0.3593,
0.3490

 9.9542, 0.4290,
0.3714

190.3450, 0.3560,
0.3477

 5.3686, 0.4548,
0.3772

232.8935, 0.3532,
0.3466

 2.4651, 0.4947,
0.3837

281.3524, 0.3507,

 0.8591, 0.5924,

0.3456

0.4076

336.1062, 0.3485,
0.3447

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8057, 0.3794,
0.3564

52.8057, 0.3794,
0.3564

45.9682, 0.4077,
0.3650

60.5421, 0.3550,
0.3476

39.9887, 0.4399,
0.3727

69.2018, 0.3343,
0.3391

34.8337, 0.4752,
0.3785

78.8172, 0.3168,
0.3310

30.4649, 0.5118,
0.3812

89.4170, 0.3020,
0.3235

■ 26.8400, 0.5469,
0.3796

■ 96.0615, 0.2993,
0.3290

■ 23.9123, 0.5769,
0.3731

■ 22.1564, 0.5948,
0.3659

Harmonies

Analogous

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



52.8057, 0.3697, 0.3290



52.8057, 0.3794, 0.3564



52.8057, 0.3701, 0.3787

Triad

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



52.8057, 0.3794, 0.3564



52.8057, 0.2809, 0.3569



52.8057, 0.2788, 0.2744

Complementary

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



52.8057, 0.3794, 0.3564



58.6647, 0.2627, 0.2996

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.



52.8057, 0.2574, 0.2785



52.8057, 0.3794, 0.3564



52.8057, 0.2586, 0.3249

Square

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



52.8057, 0.3794, 0.3564



52.8057, 0.3125, 0.3812



52.8057, 0.2503, 0.2962



52.8057, 0.3101, 0.2834

Rectangle

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



52.8057, 0.3794, 0.3564



52.8057, 0.3548, 0.3872



52.8057, 0.2503, 0.2962



52.8057, 0.2703, 0.2743

Sweetspot

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



52.8082, 0.3794, 0.3564



87.8311, 0.3295, 0.3370



46.1121, 0.3364, 0.2706



18.4541, 0.3322, 0.3381



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.



52.8082, 0.3794, 0.3564



59.1584, 0.3976, 0.3621



69.7952, 0.3667, 0.3955



15.8298, 0.3285, 0.3365



12.7697, 0.5920, 0.3681



1.1697, 0.5650, 0.3896

Inverse Universe

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



58.6647, 0.2627, 0.2996



67.3474, 0.2530, 0.2927



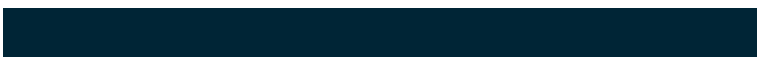
42.6468, 0.2568, 0.2522



16.2735, 0.2981, 0.3214



17.7315, 0.1952, 0.2227



1.5636, 0.1998, 0.2392

Previews

White Background



This preview shows how the Yxy color 52.8057, 0.3794, 0.3564 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 52.8057, 0.3794, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

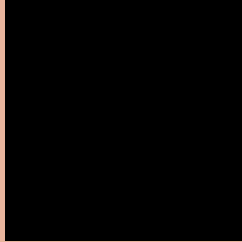
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8057, 0.3794, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 52.8057, 0.3794, 0.3564.



This preview shows how white text looks on a background with the Yxy color 52.8057, 0.3794, 0.3564.

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

52.8057, 0.3794, 0.3564

Protanopia

53.0044, 0.3453, 0.3661

Deuteranopia

52.9455, 0.3708, 0.3630



Tritanopia

52.6012, 0.3542, 0.3136

Trichromacy



Original Color

52.8057, 0.3794, 0.3564

Protanomaly

52.8006, 0.3576, 0.3627

Deuteranomaly

53.0122, 0.3739, 0.3615

Tritanomaly

52.7173, 0.3635, 0.3292

Monochromacy



Original Color

52.8057, 0.3794, 0.3564

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.1413, 0.3349, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8057, 0.3794, 0.3564 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, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(233, 181, 157)  
}
```

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, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 181, 157) }
```

Border

The CSS property to change the border of an element to Yxy 52.8057, 0.3794, 0.3564 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, 181, 157) }
```

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

```
.border{ border-color:rgb(233, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(233, 181,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8057, 0.3794, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 181, 157) }
```

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

```
.background{ background-color: rgb(233,  
181, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor