

Converting Colors

$Y_{xy}(52.7070, 0.4315, 0.3999)$

Have a look what the booklet for
Yxy(52.7070, 0.4315, 0.3999)
contains.

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Color

Yxy(52.5813, 0.4317, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	F6B26F
RGB	246, 178, 111
RGB Percent	96%, 70%, 44%
CMY	0.0352, 0.3020, 0.5646
CMYK	0.00, 0.28, 0.55, 0.04
HSL	30°, 88%, 70%
HSV	30°, 55%, 96%
XYZ	56.8052, 52.5813, 22.1984
YIQ	190.6940, 62.0350, -6.4210

Conversions

Conversions Part 2

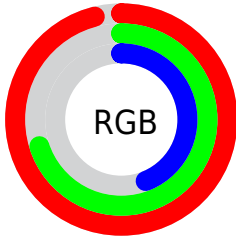
Format	Color
RYB	246, 244, 111
Decimal	16167535
CIELab	77.63, 17.60, 43.72
CIELCh	78, 47.125, 68.069
Yxy	52.5813, 0.4317, 0.3996
Android (android.graphics.Color)	4294357615 (0xFFFF6B26F)
YUV	190.6940, -39.2891, 48.5034
Hunter-Lab	72.5130, 12.9356, 32.6087

Details

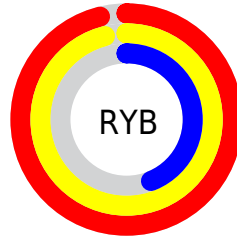
The Yxy color **52.5813, 0.4317, 0.3996** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.3007, 0.2248, 0.2418**, and the grayscale version is **52.1216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7860, 0.3734, 0.3996**, and **25.4433, 0.4607, 0.4124** is the 20% darker color. If you saturate the color by 10%, you get **47.4015, 0.4596, 0.4089**, and if you desaturate by 10%, it is **58.3615, 0.4049, 0.3878**.

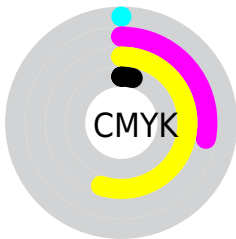
Distribution



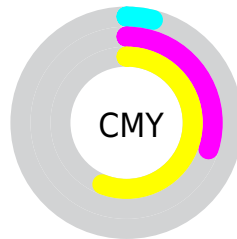
- Red (96%)
- Green (70%)
- Blue (44%)



- Red (96%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (55%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5813, 0.4317, 0.3996 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 52.5813, 0.4317, 0.3996 by changing the saturation by 10% instead.


 52.5813, 0.4317,
0.3996


 52.5813, 0.4317,
0.3996


396.6767, 0.3743,
0.3687

 37.4686, 0.4449,
0.4057


 93.9880, 0.4116,
0.3895

 25.5705, 0.4610,
0.4125


 121.0508, 0.4038,
0.3854

 16.5026, 0.4808,
0.4197


 152.8657, 0.3971,
0.3818

 9.8805, 0.5053,
0.4266

 189.8172, 0.3913,
0.3785

 5.3198, 0.5418,
0.4358

232.2897, 0.3863,
0.3756

 2.4361, 0.5727,
0.4273

280.6675, 0.3818,

 0.8444, 0.6054,

0.3731

335.3350, 0.3778,
0.3708

0.3946

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5813, 0.4317,
0.3996

52.5813, 0.4317,
0.3996

47.4015, 0.4596,
0.4089

58.3615, 0.4049,
0.3878

42.7900, 0.4873,
0.4145

64.7569, 0.3800,
0.3747

38.7225, 0.5129,
0.4151

71.7909, 0.3577,
0.3611

35.1682, 0.5347,
0.4101

79.4834, 0.3378,
0.3477

■ 33.5284, 0.5445,
0.4059

■ 87.8532, 0.3204,
0.3350

■ 96.6818, 0.3073,
0.3265

■ 98.3389, 0.3072,
0.3290

Harmonies

Analogous

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



52.5813, 0.4361, 0.3524



52.5813, 0.4317, 0.3996



52.5813, 0.3940, 0.4356

Triad

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



52.5813, 0.4317, 0.3996



52.5813, 0.2278, 0.3465



52.5813, 0.2790, 0.2383

Complementary

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



52.5813, 0.4317, 0.3996



42.3007, 0.2248, 0.2418

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.



52.5813, 0.2305, 0.2309



52.5813, 0.4317, 0.3996



52.5813, 0.2033, 0.2857

Square

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



52.5813, 0.4317, 0.3996



52.5813, 0.2757, 0.4092



52.5813, 0.2045, 0.2459



52.5813, 0.3424, 0.2646

Rectangle

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



52.5813, 0.4317, 0.3996



52.5813, 0.3569, 0.4449



52.5813, 0.2045, 0.2459



52.5813, 0.2606, 0.2336

Sweetspot

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



52.5839, 0.4317, 0.3996



85.2208, 0.3400, 0.3493



34.2984, 0.3888, 0.2564



17.8634, 0.3439, 0.3520



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.



52.5839, 0.4317, 0.3996



50.7615, 0.4631, 0.4099



85.3180, 0.3931, 0.4583



17.8403, 0.3281, 0.3408



18.1708, 0.5419, 0.4079



1.8024, 0.5225, 0.4233

Inverse Universe

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



42.3007, 0.2248, 0.2418



38.5532, 0.2089, 0.2199



21.9063, 0.2067, 0.1554



17.3070, 0.2980, 0.3170



11.5236, 0.1775, 0.1590



1.2184, 0.1838, 0.1815

Previews

White Background



This preview shows how the Yxy color 52.5813, 0.4317, 0.3996 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 52.5813, 0.4317, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

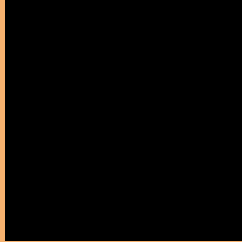
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5813, 0.4317, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 52.5813, 0.4317, 0.3996.



This preview shows how white text looks on a background with the Yxy color 52.5813, 0.4317, 0.3996.

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

52.5813, 0.4317, 0.3996

Protanopia

52.6619, 0.3875, 0.4201

Deuteranopia

52.4852, 0.4187, 0.4093



Tritanopia

52.4488, 0.3775, 0.3154

Trichromacy



Original Color

52.5813, 0.4317, 0.3996

Protanomaly

52.4435, 0.4034, 0.4129

Deuteranomaly

52.3507, 0.4235, 0.4060

Tritanomaly

52.2293, 0.3991, 0.3464

Monochromacy



Original Color

52.5813, 0.4317, 0.3996

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5753, 0.3538, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5813, 0.4317, 0.3996 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(246, 178, 111)` looks like.

```
.text, #text, p{  
    color:rgb(246, 178, 111)  
}
```

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(246, 178, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 178, 111) }
```

Border

The CSS property to change the border of an element to Yxy 52.5813, 0.4317, 0.3996 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(246, 178, 111) }
```

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

```
.border{ border-color:rgb(246, 178, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 178, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 178, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 178, 111);  
box-shadow:4px 4px 4px 4px rgb(246, 178,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5813, 0.4317, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 178, 111) }
```

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

```
.background{ background-color: rgb(246,  
178, 111) }
```

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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