

Converting Colors

$Yxy(51.5008, 0.4295, 0.3859)$

Have a look what the booklet for
Yxy(51.5008, 0.4295, 0.3859)
contains.

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Color

Yxy(51.5846, 0.4286, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	F8AE78
RGB	248, 174, 120
RGB Percent	97%, 68%, 47%
CMY	0.0275, 0.3176, 0.5293
CMYK	0.00, 0.30, 0.52, 0.03
HSL	25°, 90%, 72%
HSV	25°, 52%, 97%
XYZ	57.2331, 51.5846, 24.7173
YIQ	189.9700, 61.4380, -1.1060

Conversions

Conversions Part 2

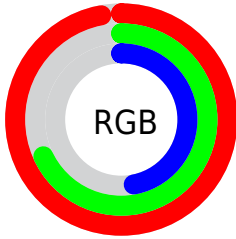
Format	Color
R _Y B	248, 213, 120
Decimal	16297592
CIE Lab	77.03, 21.22, 38.39
CIE LCh	77, 43.869, 61.069
Yxy	51.5846, 0.4286, 0.3863
Android (android.graphics.Color)	4294487672 (0xFFF8AE78)
YUV	189.9700, -34.4952, 50.8923
Hunter-Lab	71.8224, 16.5521, 29.8713

Details

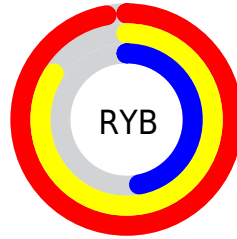
The Yxy color **51.5846, 0.4286, 0.3863** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.3496, 0.2323, 0.2607**, and the grayscale version is **51.6526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8708, 0.3687, 0.3869**, and **24.8083, 0.4585, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **45.8139, 0.4593, 0.3949**, and if you desaturate by 10%, it is **58.1074, 0.4000, 0.3758**.

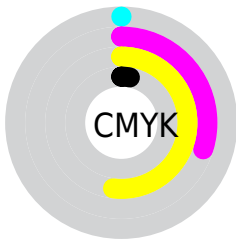
Distribution



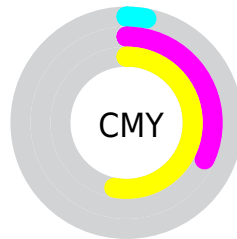
- Red (97%)
- Green (68%)
- Blue (47%)



- Red (97%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (3%)



- Cyan (3%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5846, 0.4286, 0.3863 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 51.5846, 0.4286, 0.3863 by changing the saturation by 10% instead.


 51.5846, 0.4286,
0.3863


 51.5846, 0.4286,
0.3863

392.8308, 0.3720,
0.3614


 36.6741, 0.4419,
0.3912


 92.5183, 0.4085,
0.3782

 24.9552, 0.4584,
0.3966


 119.3103, 0.4008,
0.3749

 16.0437, 0.4792,
0.4023


 150.8316, 0.3943,
0.3720

 9.5551, 0.5057,
0.4077

187.4665, 0.3886,
0.3694

 5.1050, 0.5418,
0.4119

229.5995, 0.3836,
0.3670

 2.3090, 0.5905,
0.4095

277.6150, 0.3793,

 0.7785, 0.6308,

0.3650

331.8973, 0.3754,
0.3631

0.3692

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.5846, 0.4286,
0.3863

51.5846, 0.4286,
0.3863

45.8139, 0.4593,
0.3949

58.1074, 0.4000,
0.3758

40.7569, 0.4909,
0.4001


65.4032, 0.3743,
0.3643


36.3826, 0.5212,
0.4008

73.5016, 0.3517,
0.3527

32.6535, 0.5478,
0.3961

82.4280, 0.3321,
0.3414

 29.9812, 0.5664,
0.3884

 92.2065, 0.3152,
0.3306

 98.6925, 0.3084,
0.3290

Harmonies

Analogous

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



51.5846, 0.4239, 0.3409



51.5846, 0.4286, 0.3863



51.5846, 0.3999, 0.4233

Triad

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



51.5846, 0.4286, 0.3863



51.5846, 0.2418, 0.3601



51.5846, 0.2689, 0.2399

Complementary

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



51.5846, 0.4286, 0.3863



49.3496, 0.2323, 0.2607

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.



51.5846, 0.2274, 0.2378



51.5846, 0.4286, 0.3863



51.5846, 0.2128, 0.3007

Square

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



51.5846, 0.4286, 0.3863



51.5846, 0.2911, 0.4142



51.5846, 0.2081, 0.2577



51.5846, 0.3264, 0.2610

Rectangle

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



51.5846, 0.4286, 0.3863



51.5846, 0.3676, 0.4362



51.5846, 0.2081, 0.2577



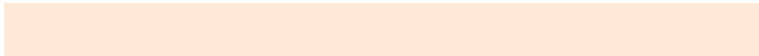
51.5846, 0.2528, 0.2369

Sweetspot

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



51.5871, 0.4286, 0.3863



84.4720, 0.3385, 0.3452



37.3167, 0.3725, 0.2517



17.6486, 0.3426, 0.3476



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.



51.5871, 0.4286, 0.3863



48.5327, 0.4609, 0.3952



82.0604, 0.3932, 0.4452



18.4289, 0.3283, 0.3391



16.4625, 0.5637, 0.3907



1.7294, 0.5425, 0.4075

Inverse Universe

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



49.3496, 0.2323, 0.2607



45.8464, 0.2180, 0.2437



26.9200, 0.2156, 0.1772



18.3096, 0.2980, 0.3187



14.6151, 0.1846, 0.1844



1.5634, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 51.5846, 0.4286, 0.3863 looks on a white background.

Color Contrast Check

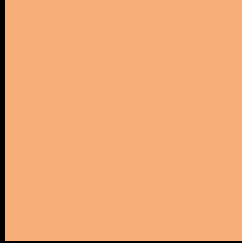
Large Text (above 18pt) WCAG AA × Fail

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 51.5846, 0.4286, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

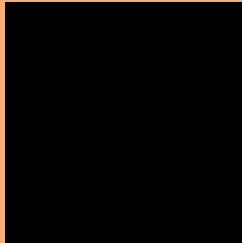
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5846, 0.4286, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 51.5846, 0.4286, 0.3863.



This preview shows how white text looks on a background with the Yxy color 51.5846, 0.4286, 0.3863.

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

51.5846, 0.4286, 0.3863

Protanopia

52.0593, 0.3770, 0.4072

Deuteranopia

51.5869, 0.4095, 0.4013



Tritanopia

51.4098, 0.3821, 0.3154

Trichromacy



Original Color

51.5846, 0.4286, 0.3863

Protanomaly

51.6828, 0.3958, 0.4002

Deuteranomaly

51.5766, 0.4167, 0.3952

Tritanomaly

51.3538, 0.3994, 0.3410

Monochromacy



Original Color

51.5846, 0.4286, 0.3863

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8465, 0.3518, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5846, 0.4286, 0.3863 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(248, 174, 120)` looks like.

```
.text, #text, p{  
    color:rgb(248, 174, 120)  
}
```

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(248, 174, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 174, 120) }
```

Border

The CSS property to change the border of an element to Yxy 51.5846, 0.4286, 0.3863 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(248, 174, 120) }
```

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

```
.border{ border-color:rgb(248, 174, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 174, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 174, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 174, 120);  
box-shadow:4px 4px 4px 4px rgb(248, 174,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5846, 0.4286, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 174, 120) }
```

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

```
.background{ background-color: rgb(248,  
174, 120) }
```

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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