

Converting Colors

$Yxy(66.4013, 0.3825, 0.3780)$

Have a look what the booklet for
Yxy(66.4013, 0.3825, 0.3780)
contains.

Yxy(66.3056, 0.3826, 0.3778)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.3056, 0.3826, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	F9CD9F
RGB	249, 205, 159
RGB Percent	98%, 80%, 62%
CMY	0.0236, 0.1960, 0.3765
CMYK	0.00, 0.18, 0.36, 0.02
HSL	31°, 88%, 80%
HSV	31°, 36%, 98%
XYZ	67.1480, 66.3056, 42.0509
YIQ	212.9120, 40.9900, -4.9780

Conversions

Conversions Part 2

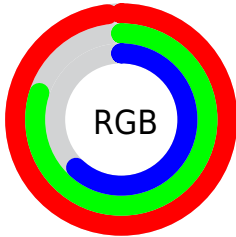
Format	Color
RYB	245, 249, 159
Decimal	16371103
CIELab	85.15, 9.32, 28.75
CIELCh	85, 30.225, 72.048
Yxy	66.3056, 0.3826, 0.3778
Android (android.graphics.Color)	4294561183 (0xFFFF9CD9F)
YUV	212.9120, -26.5786, 31.6492
Hunter-Lab	81.4283, 4.6967, 26.3815

Details

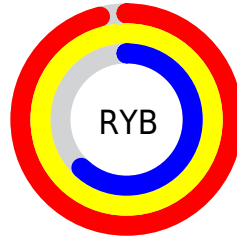
The Yxy color **66.3056, 0.3826, 0.3778** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.8896, 0.2542, 0.2743**, and the grayscale version is **66.6378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **34.2711, 0.3994, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **59.9352, 0.4073, 0.3912**, and if you desaturate by 10%, it is **73.3085, 0.3601, 0.3639**.

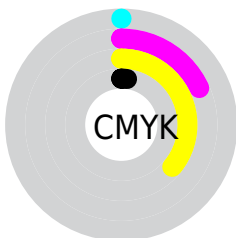
Distribution



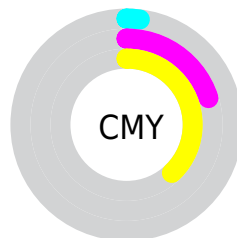
- Red (98%)
- Green (80%)
- Blue (62%)



- Red (96%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3056, 0.3826, 0.3778 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 66.3056, 0.3826, 0.3778 by changing the saturation by 10% instead.


 66.3056, 0.3826,
0.3778


 66.3056, 0.3826,
0.3778

447.4690, 0.3497,
0.3557

 48.5205, 0.3902,
0.3826

 113.9248, 0.3711,
0.3703

 34.2393, 0.3995,
0.3884


 144.5278, 0.3667,
0.3673

 23.0775, 0.4112,
0.3955


180.1722, 0.3629,
0.3648

 14.6507, 0.4264,
0.4042

221.2423, 0.3595,
0.3625

 8.5746, 0.4466,
0.4150

268.1227, 0.3566,
0.3605

 4.4648, 0.4741,
0.4278

321.1977, 0.3541,

 1.9368, 0.5375,

0.3587

0.4625

380.8517, 0.3518,
0.3572

0.5704, 0.5743,
0.4257

0.0000, 0.0000,
0.0000

66.3056, 0.3826,
0.3778

66.3056, 0.3826,
0.3778

59.9352, 0.4073,
0.3912

73.3085, 0.3601,
0.3639

54.1673, 0.4338,
0.4031

80.9542, 0.3401,
0.3501

48.9827, 0.4612,
0.4124

89.2643, 0.3224,
0.3368

44.3574, 0.4879,
0.4177

98.0242, 0.3090,
0.3277

40.2644, 0.5123,
0.4179

98.8750, 0.3090,
0.3290

36.6726, 0.5328,
0.4125

35.4079, 0.5400,
0.4095

Harmonies

Analogous

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



66.3056, 0.3868, 0.3500



66.3056, 0.3826, 0.3778



66.3056, 0.3591, 0.3947

Triad

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



66.3056, 0.3826, 0.3778



66.3056, 0.2583, 0.3354



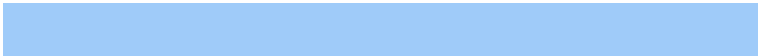
66.3056, 0.2980, 0.2736

Complementary

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



66.3056, 0.3826, 0.3778



56.8896, 0.2542, 0.2743

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.



66.3056, 0.2658, 0.2678



66.3056, 0.3826, 0.3778



66.3056, 0.2440, 0.3008

Square

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



66.3056, 0.3826, 0.3778



66.3056, 0.2871, 0.3706



66.3056, 0.2466, 0.2769



66.3056, 0.3362, 0.2921

Rectangle

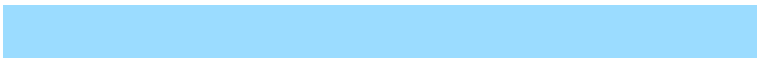
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3056, 0.3826, 0.3778



66.3056, 0.3363, 0.3960



66.3056, 0.2466, 0.2769



66.3056, 0.2861, 0.2701

Sweetspot

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



66.3087, 0.3826, 0.3778



89.8911, 0.3308, 0.3432



49.2835, 0.3563, 0.2817



18.9866, 0.3332, 0.3450



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.



66.3087, 0.3826, 0.3778



65.2948, 0.3995, 0.3872



90.3730, 0.3672, 0.4191



18.6935, 0.3281, 0.3412



19.2433, 0.5375, 0.4114



1.9946, 0.5196, 0.4256

Inverse Universe

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



56.8896, 0.2542, 0.2743



54.0761, 0.2429, 0.2617



38.9970, 0.2465, 0.2196



18.0428, 0.2980, 0.3165



11.3448, 0.1760, 0.1537



1.2622, 0.1821, 0.1756

Previews

White Background



This preview shows how the Yxy color 66.3056, 0.3826, 0.3778 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 66.3056, 0.3826, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

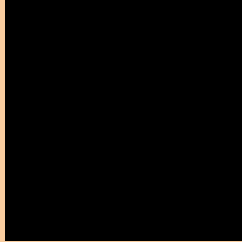
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3056, 0.3826, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 66.3056, 0.3826, 0.3778.



This preview shows how white text looks on a background with the Yxy color 66.3056, 0.3826, 0.3778.

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

66.3056, 0.3826, 0.3778

Protanopia

66.6911, 0.3607, 0.3860

Deuteranopia

66.1982, 0.3846, 0.3765



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.3056, 0.3826, 0.3778

Protanomaly

66.4993, 0.3688, 0.3827

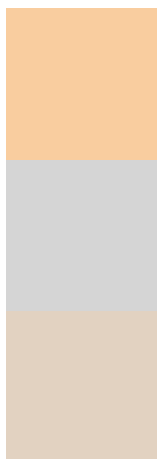
Deuteranomaly

66.0129, 0.3838, 0.3766

Tritanomaly

66.5062, 0.3604, 0.3375

Monochromacy



Original Color

66.3056, 0.3826, 0.3778

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1122, 0.3371, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3056, 0.3826, 0.3778 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(249, 205, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 159)  
}
```

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(249, 205, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 159) }
```

Border

The CSS property to change the border of an element to Yxy 66.3056, 0.3826, 0.3778 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(249, 205, 159) }
```

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

```
.border{ border-color:rgb(249, 205, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 205, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 205, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 205, 159); box-shadow:4px 4px 4px 4px rgb(249, 205, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3056, 0.3826, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 159) }
```

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

```
.background{ background-color: rgb(249,  
205, 159) }
```

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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