

Converting Colors

$Yxy(66.5246, 0.3831, 0.3722)$

Have a look what the booklet for
Yxy(66.5246, 0.3831, 0.3722)
contains.

| | |
|---|----|
| Yxy(66.7127, 0.3832, 0.3720) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(66.7127, 0.3832, 0.3720)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FDCCA3 |
| RGB | 253, 204, 163 |
| RGB Percent | 99%, 80%, 64% |
| CMY | 0.0077, 0.2000, 0.3608 |
| CMYK | 0.00, 0.19, 0.36, 0.01 |
| HSL | 27°, 96%, 82% |
| HSV | 27°, 36%, 99% |
| XYZ | 68.7213, 66.7127, 43.9013 |
| YIQ | 213.9770, 42.3650, -2.3630 |

Conversions

Conversions Part 2

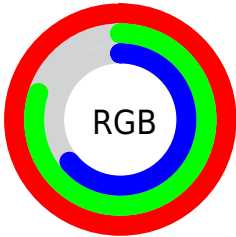
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 253, 238, 163 |
| Decimal | 16632995 |
| CIE Lab | 85.36, 11.88, 27.00 |
| CIE LCh | 85, 29.500, 66.260 |
| Yxy | 66.7127, 0.3832, 0.3720 |
| Android (android.graphics.Color) | 4294823075 (0xFFFDCCA3) |
| YUV | 213.9770, -25.1317, 34.2232 |
| Hunter-Lab | 81.6778, 7.2482, 25.3065 |

Details

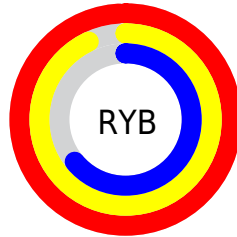
The Yxy color **66.7127, 0.3832, 0.3720** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.9864, 0.2559, 0.2813**, and the grayscale version is **67.3831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **34.5625, 0.4003, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **59.6335, 0.4093, 0.3841**, and if you desaturate by 10%, it is **74.5594, 0.3599, 0.3595**.

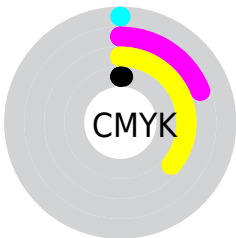
Distribution



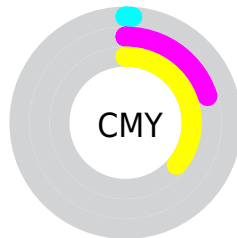
- Red (99%)
- Green (80%)
- Blue (64%)



- Red (99%)
- Yellow (93%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (1%)




- Cyan (1%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7127, 0.3832, 0.3720 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 66.7127, 0.3832, 0.3720 by changing the saturation by 10% instead.


 66.7127, 0.3832,
0.3720


 66.7127, 0.3832,
0.3720


448.9214, 0.3500,
0.3527

 48.8512, 0.3909,
0.3762

 114.5086, 0.3716,
0.3655

 34.5014, 0.4003,
0.3812


 145.2119, 0.3671,
0.3629

 23.2791, 0.4123,
0.3872


180.9644, 0.3632,
0.3607

 14.7997, 0.4279,
0.3946

222.1508, 0.3599,
0.3587

 8.6789, 0.4488,
0.4037

269.1552, 0.3569,
0.3569

 4.5324, 0.4777,
0.4142

322.3622, 0.3543,

 1.9756, 0.5503,

0.3554

0.4497

382.1562, 0.3520,
0.3540

0.5932, 0.5900,
0.4100

0.0000, 0.0000,
0.0000

66.7127, 0.3832,
0.3720

66.7127, 0.3832,
0.3720

59.6335, 0.4093,
0.3841

74.5594, 0.3599,
0.3595

53.2866, 0.4377,
0.3948

83.1886, 0.3394,
0.3471

47.6476, 0.4675,
0.4030

92.6266, 0.3216,
0.3353

42.6864, 0.4972,
0.4073

99.6297, 0.3115,
0.3290

■ 38.3702, 0.5246,
0.4065

■ 34.6614, 0.5478,
0.4001

■ 33.1997, 0.5568,
0.3961

Harmonies

Analogous

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



66.7127, 0.3831, 0.3438



66.7127, 0.3832, 0.3720



66.7127, 0.3635, 0.3911

Triad

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



66.7127, 0.3832, 0.3720



66.7127, 0.2641, 0.3423



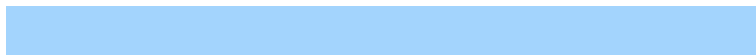
66.7127, 0.2916, 0.2728

Complementary

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



66.7127, 0.3832, 0.3720



61.9864, 0.2559, 0.2813

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.



66.7127, 0.2622, 0.2699



66.7127, 0.3832, 0.3720



66.7127, 0.2471, 0.3075

Square

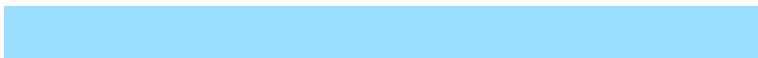
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7127, 0.3832, 0.3720



66.7127, 0.2944, 0.3750



66.7127, 0.2464, 0.2816



66.7127, 0.3285, 0.2887

Rectangle

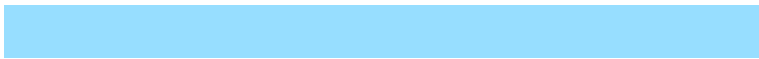
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7127, 0.3832, 0.3720



66.7127, 0.3426, 0.3948



66.7127, 0.2464, 0.2816



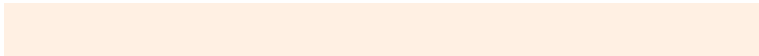
66.7127, 0.2806, 0.2703

Sweetspot

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



66.7158, 0.3832, 0.3720



88.9597, 0.3309, 0.3416



51.8614, 0.3514, 0.2779



18.7649, 0.3334, 0.3432



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.



66.7158, 0.3832, 0.3720



62.4690, 0.4023, 0.3811



90.9982, 0.3679, 0.4140



19.3495, 0.3283, 0.3399



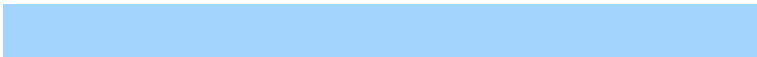
17.9381, 0.5541, 0.3982



1.9617, 0.5349, 0.4134

Inverse Universe

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



61.9864, 0.2559, 0.2813



56.9698, 0.2442, 0.2694



42.6995, 0.2484, 0.2269



19.0175, 0.2979, 0.3179



13.7075, 0.1813, 0.1726



1.5532, 0.1866, 0.1918

Previews

White Background



This preview shows how the Yxy color 66.7127, 0.3832, 0.3720 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 66.7127, 0.3832, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

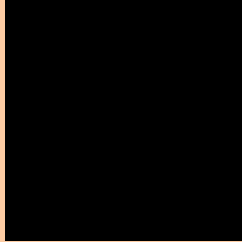
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7127, 0.3832, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 66.7127, 0.3832, 0.3720.



This preview shows how white text looks on a background with the Yxy color 66.7127, 0.3832, 0.3720.

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

66.7127, 0.3832, 0.3720

Protanopia

66.7094, 0.3562, 0.3805

Deuteranopia

66.8162, 0.3812, 0.3733



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

66.7127, 0.3832, 0.3720

Protanomaly

66.6792, 0.3651, 0.3773

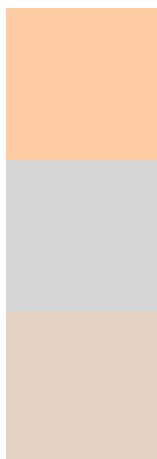
Deuteranomaly

67.0024, 0.3820, 0.3732

Tritanomaly

66.7842, 0.3596, 0.3354

Monochromacy



Original Color

66.7127, 0.3832, 0.3720

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5273, 0.3372, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7127, 0.3832, 0.3720 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(253, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(253, 204, 163)  
}
```

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(253, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 204, 163) }
```

Border

The CSS property to change the border of an element to Yxy 66.7127, 0.3832, 0.3720 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(253, 204, 163) }
```

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

```
.border{ border-color:rgb(253, 204, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 204, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 204, 163); box-shadow:4px 4px 4px 4px rgb(253, 204, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7127, 0.3832, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 204, 163) }
```

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

```
.background{ background-color: rgb(253,  
204, 163) }
```

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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