

Converting Colors

$Y_{xy}(66.1294, 0.3771, 0.3657)$

Have a look what the booklet for
Yxy(66.1294, 0.3771, 0.3657)
contains.

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Color

Yxy(66.0857, 0.3772, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	FBCBA9
RGB	251, 203, 169
RGB Percent	98%, 80%, 66%
CMY	0.0157, 0.2039, 0.3374
CMYK	0.00, 0.19, 0.33, 0.02
HSL	25°, 91%, 82%
HSV	25°, 33%, 98%
XYZ	68.2946, 66.0857, 46.6764
YIQ	213.4760, 39.5220, -0.3980

Conversions

Conversions Part 2

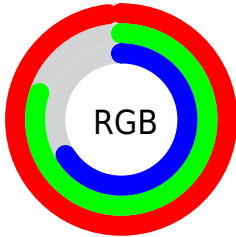
Format	Color
R _Y B	251, 227, 169
Decimal	16501673
CIE Lab	85.04, 12.32, 23.40
CIE LCh	85, 26.448, 62.241
Yxy	66.0857, 0.3772, 0.3650
Android (android.graphics.Color)	4294691753 (0xFFFBCBA9)
YUV	213.4760, -21.9267, 32.9085
Hunter-Lab	81.2931, 7.6955, 22.8624

Details

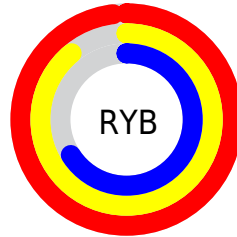
The Yxy color $66.0857, 0.3772, 0.3650$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $64.9902, 0.2611, 0.2898$, and the grayscale version is $67.0046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1618, 0.3310, 0.3592$, and $34.1167, 0.3925, 0.3725$ is the 20% darker color. If you saturate the color by 10%, you get $58.6259, 0.4034, 0.3762$, and if you desaturate by 10%, it is $74.3892, 0.3541, 0.3535$.

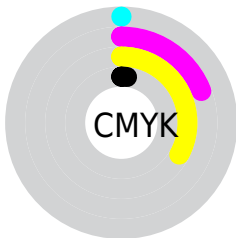
Distribution



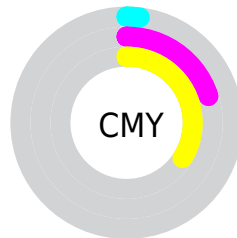
- Red (98%)
- Green (80%)
- Blue (66%)



- Red (98%)
- Yellow (89%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0857, 0.3772, 0.3650 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 66.0857, 0.3772, 0.3650 by changing the saturation by 10% instead.

 66.0857, 0.3772,
0.3650

 66.0857, 0.3772,
0.3650

446.6833, 0.3467,
0.3488

 48.3420, 0.3843,
0.3685

 113.6093, 0.3665,
0.3595

 34.0978, 0.3931,
0.3727


144.1580, 0.3624,
0.3574

 22.9687, 0.4043,
0.3779

179.7438, 0.3588,
0.3555

 14.5704, 0.4190,
0.3843

220.7511, 0.3557,
0.3538

 8.5185, 0.4389,
0.3922

267.5643, 0.3531,
0.3524

 4.4284, 0.4672,
0.4017

320.5678, 0.3507,

 1.9160, 0.5313,

0.3511

0.4292

380.1460, 0.3486,
0.3499

0.5580, 0.5983,
0.4017

0.0000, 0.0000,
0.0000

66.0857, 0.3772,
0.3650

66.0857, 0.3772,
0.3650

58.6259, 0.4034,
0.3762

74.3892, 0.3541,
0.3535

51.9719, 0.4325,
0.3865

83.5541, 0.3341,
0.3423

46.0965, 0.4637,
0.3946

93.6091, 0.3169,
0.3317

40.9670, 0.4956,
0.3992

99.2465, 0.3102,
0.3290

■ 36.5476, 0.5260,
0.3992

■ 32.7982, 0.5523,
0.3937

■ 30.4447, 0.5685,
0.3868

Harmonies

Analogous

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



66.0857, 0.3745, 0.3390



66.0857, 0.3772, 0.3650



66.0857, 0.3618, 0.3834

Triad

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



66.0857, 0.3772, 0.3650



66.0857, 0.2720, 0.3453



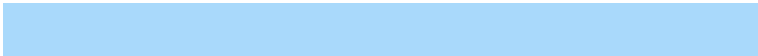
66.0857, 0.2897, 0.2770

Complementary

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



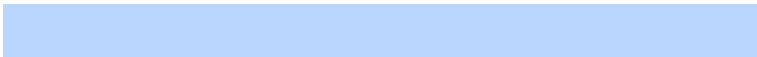
66.0857, 0.3772, 0.3650



64.9902, 0.2611, 0.2898

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.



66.0857, 0.2644, 0.2762



66.0857, 0.3772, 0.3650



66.0857, 0.2546, 0.3138

Square

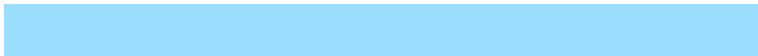
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.0857, 0.3772, 0.3650



66.0857, 0.3006, 0.3733



66.0857, 0.2519, 0.2889



66.0857, 0.3225, 0.2900

Rectangle

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



66.0857, 0.3772, 0.3650



66.0857, 0.3439, 0.3879



66.0857, 0.2519, 0.2889



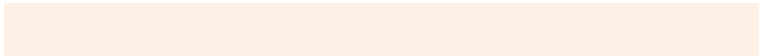
66.0857, 0.2801, 0.2753

Sweetspot

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



66.0888, 0.3772, 0.3650



89.3155, 0.3293, 0.3394



53.9423, 0.3436, 0.2781



18.8119, 0.3318, 0.3410



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.



66.0888, 0.3772, 0.3650



63.5017, 0.3935, 0.3722



87.3416, 0.3646, 0.4035



18.4089, 0.3284, 0.3389



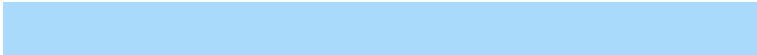
16.2765, 0.5656, 0.3891



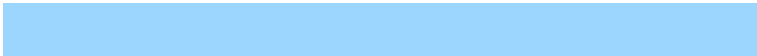
1.7112, 0.5442, 0.4061

Inverse Universe

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



64.9902, 0.2611, 0.2898



62.1933, 0.2512, 0.2808



46.9075, 0.2551, 0.2416



18.3301, 0.2980, 0.3189



14.8927, 0.1852, 0.1868



1.5885, 0.1904, 0.2054

Previews

White Background



This preview shows how the Yxy color 66.0857, 0.3772, 0.3650 looks on a white background.

Color Contrast Check

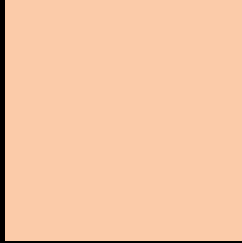
Large Text (above 18pt) WCAG AA × Fail

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 66.0857, 0.3772, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

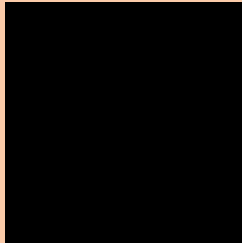
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0857, 0.3772, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 66.0857, 0.3772, 0.3650.



This preview shows how white text looks on a background with the Yxy color 66.0857, 0.3772, 0.3650.

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

66.0857, 0.3772, 0.3650

Protanopia

66.1116, 0.3505, 0.3729

Deuteranopia

66.0068, 0.3744, 0.3663



Tritanopia

65.9460, 0.3477, 0.3137

Trichromacy



Original Color

66.0857, 0.3772, 0.3650

Protanomaly

66.0719, 0.3592, 0.3698

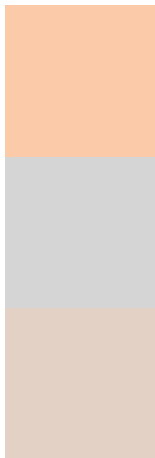
Deuteranomaly

66.1900, 0.3752, 0.3662

Tritanomaly

65.9032, 0.3593, 0.3323

Monochromacy



Original Color

66.0857, 0.3772, 0.3650

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9630, 0.3351, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0857, 0.3772, 0.3650 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(251, 203, 169)` looks like.

```
.text, #text, p{  
    color:rgb(251, 203, 169)  
}
```

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(251, 203, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 169) }
```

Border

The CSS property to change the border of an element to Yxy 66.0857, 0.3772, 0.3650 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(251, 203, 169) }
```

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

```
.border{ border-color:rgb(251, 203, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 203, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 169);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0857, 0.3772, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 169) }
```

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

```
.background{ background-color: rgb(251,  
203, 169) }
```

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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