

Converting Colors

$Y_{xy}(100.0000, 0.4732, 0.3499)$

Have a look what the booklet for
Yxy(100.0000, 0.4732, 0.3499)
contains.

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Color

Yxy(65.9736, 0.3796, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9AB
RGB	255, 201, 171
RGB Percent	100%, 79%, 67%
CMY	0.0000, 0.2118, 0.3294
CMYK	0.00, 0.21, 0.33, 0.00
HSL	21°, 100%, 84%
HSV	21°, 33%, 100%
XYZ	69.4883, 65.9736, 47.5947
YIQ	213.7260, 41.8140, 2.1180

Conversions

Conversions Part 2

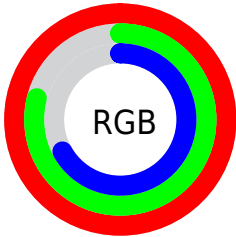
Format	Color
R_{YB}	255, 218, 171
Decimal	16763307
CIE _{Lab}	84.98, 15.16, 22.32
CIE _{LCh}	85, 26.984, 55.821
Yxy	65.9736, 0.3796, 0.3604
Android (android.graphics.Color)	4294953387 (0xFFFFC9AB)
YUV	213.7260, -21.0639, 36.1973
Hunter-Lab	81.2241, 10.5668, 22.1149

Details

The Yxy color $65.9736, 0.3796, 0.3604$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $69.7282, 0.2614, 0.2951$, and the grayscale version is $67.1687, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2710, 0.3298, 0.3572$, and $34.0697, 0.3958, 0.3665$ is the 20% darker color. If you saturate the color by 10%, you get $57.8485, 0.4073, 0.3701$, and if you desaturate by 10%, it is $75.0919, 0.3555, 0.3505$.

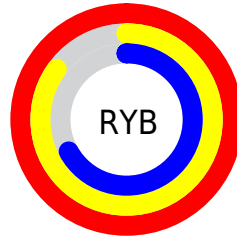
Distribution



Red (100%)

Green (79%)

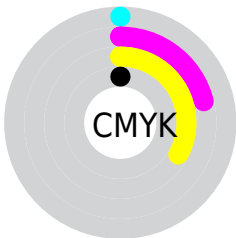
Blue (67%)



Red (100%)

Yellow (85%)

Blue (67%)

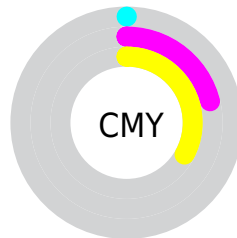


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9736, 0.3796, 0.3604 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 65.9736, 0.3796, 0.3604 by changing the saturation by 10% instead.


 65.9736, 0.3796,
0.3604

 65.9736, 0.3796,
0.3604


446.2825, 0.3479,
0.3465

 48.2510, 0.3870,
0.3634


 113.4484, 0.3685,
0.3557

 34.0257, 0.3962,
0.3669


143.9694, 0.3642,
0.3539

 22.9133, 0.4079,
0.3712

179.5254, 0.3605,
0.3522

 14.5295, 0.4233,
0.3764

220.5006, 0.3573,
0.3508

 8.4899, 0.4443,
0.3827

267.2795, 0.3545,
0.3496

 4.4100, 0.4743,
0.3898

320.2465, 0.3520,

 1.9054, 0.5376,

0.3484

0.4097

379.7861, 0.3498,
0.3474

0.5516, 0.6188,
0.3812

0.0000, 0.0000,
0.0000

65.9736, 0.3796,
0.3604

65.9736, 0.3796,
0.3604

57.8485, 0.4073,
0.3701

75.0919, 0.3555,
0.3505

50.6955, 0.4384,
0.3788

85.2530, 0.3349,
0.3408

44.4709, 0.4722,
0.3855

96.4844, 0.3174,
0.3316

39.1330, 0.5070,
0.3888

100.0000, 0.3127,
0.3290

■ 34.6361, 0.5401,
0.3875

■ 30.9296, 0.5685,
0.3809

■ 28.7520, 0.5849,
0.3738

Harmonies

Analogous

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



65.9736, 0.3727, 0.3332



65.9736, 0.3796, 0.3604



65.9736, 0.3675, 0.3815

Triad

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



65.9736, 0.3796, 0.3604



65.9736, 0.2766, 0.3525



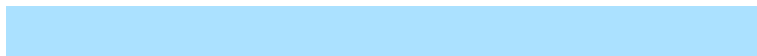
65.9736, 0.2828, 0.2747

Complementary

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



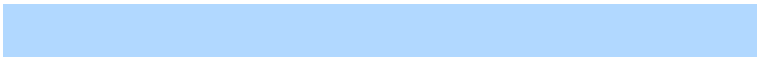
65.9736, 0.3796, 0.3604



69.7282, 0.2614, 0.2951

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.



65.9736, 0.2595, 0.2767



65.9736, 0.3796, 0.3604



65.9736, 0.2561, 0.3200

Square

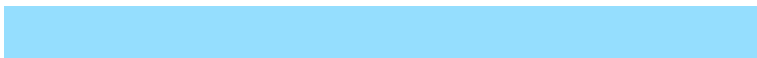
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9736, 0.3796, 0.3604



65.9736, 0.3074, 0.3788



65.9736, 0.2500, 0.2926



65.9736, 0.3152, 0.2855

Rectangle

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



65.9736, 0.3796, 0.3604



65.9736, 0.3509, 0.3885



65.9736, 0.2500, 0.2926



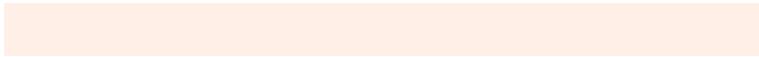
65.9736, 0.2737, 0.2739

Sweetspot

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



65.9685, 0.3796, 0.3604



88.4475, 0.3294, 0.3380



55.8515, 0.3404, 0.2736



18.6026, 0.3320, 0.3393



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.



65.9685, 0.3796, 0.3604



60.1374, 0.3987, 0.3673



87.9418, 0.3663, 0.4004



19.0484, 0.3285, 0.3375



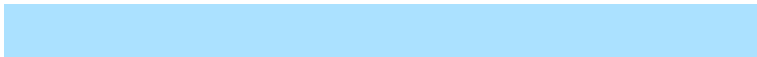
15.2786, 0.5819, 0.3762



1.6851, 0.5602, 0.3934

Inverse Universe

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



69.7282, 0.2614, 0.2951



64.4349, 0.2508, 0.2865



49.9890, 0.2551, 0.2458



19.3261, 0.2980, 0.3203



17.9278, 0.1909, 0.2073



1.9522, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 65.9736, 0.3796, 0.3604 looks on a white background.

Color Contrast Check

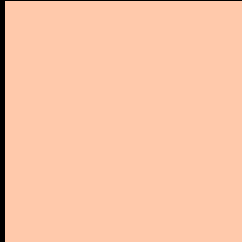
Large Text (above 18pt) WCAG AA × Fail

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 65.9736, 0.3796, 0.3604 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 65.9736, 0.3796, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 65.9736, 0.3796, 0.3604.



This preview shows how white text looks on a background with the Yxy color 65.9736, 0.3796, 0.3604.

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

65.9736, 0.3796, 0.3604

Protanopia

66.0688, 0.3475, 0.3696

Deuteranopia

65.8622, 0.3728, 0.3654



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.9736, 0.3796, 0.3604

Protanomaly

65.8299, 0.3588, 0.3665

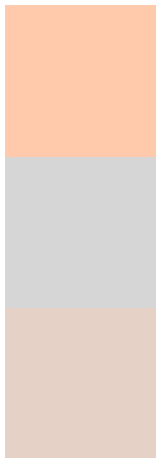
Deuteranomaly

65.9381, 0.3756, 0.3640

Tritanomaly

65.6337, 0.3603, 0.3312

Monochromacy



Original Color

65.9736, 0.3796, 0.3604

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.3362, 0.3359, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9736, 0.3796, 0.3604 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(255, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 171)  
}
```

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(255, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 171) }
```

Border

The CSS property to change the border of an element to Yxy 65.9736, 0.3796, 0.3604 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(255, 201, 171) }
```

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

```
.border{ border-color:rgb(255, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9736, 0.3796, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 171) }
```

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

```
.background{ background-color: rgb(255,  
201, 171) }
```

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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