

Converting Colors

$Y_{xy}(94.2230, 0.4528, 0.3552)$

Have a look what the booklet for
Yxy(94.2230, 0.4528, 0.3552)
contains.

Yxy(68.8642, 0.3768, 0.3654)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.8642, 0.3768, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFAC
RGB	255, 207, 172
RGB Percent	100%, 81%, 67%
CMY	0.0000, 0.1883, 0.3254
CMYK	0.00, 0.19, 0.33, 0.00
HSL	25°, 100%, 84%
HSV	25°, 33%, 100%
XYZ	71.0127, 68.8642, 48.5856
YIQ	217.3620, 39.8430, -0.7090

Conversions

Conversions Part 2

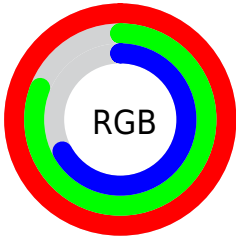
Format	Color
R _Y B	255, 233, 172
Decimal	16764844
CIE Lab	86.44, 12.16, 23.78
CIE LCh	86, 26.713, 62.915
Yxy	68.8642, 0.3768, 0.3654
Android (android.graphics.Color)	4294954924 (0xFFFFCFAC)
YUV	217.3620, -22.3635, 33.0085
Hunter-Lab	82.9845, 7.5258, 23.3761

Details

The Yxy color **68.8642, 0.3768, 0.3654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.1930, 0.2612, 0.2893**, and the grayscale version is **69.7801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **36.0088, 0.3916, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **61.1535, 0.4028, 0.3768**, and if you desaturate by 10%, it is **77.4199, 0.3538, 0.3538**.

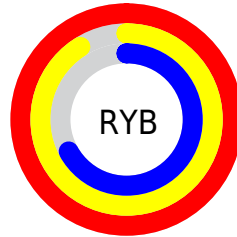
Distribution



Red (100%)

Green (81%)

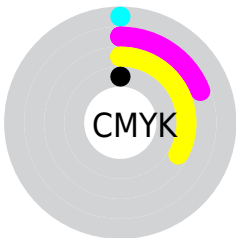
Blue (67%)



Red (100%)

Yellow (91%)

Blue (67%)

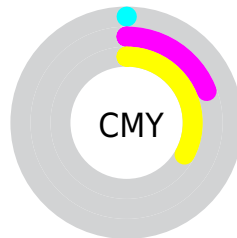


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8642, 0.3768, 0.3654 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 68.8642, 0.3768, 0.3654 by changing the saturation by 10% instead.


 68.8642, 0.3768,
0.3654

 68.8642, 0.3768,
0.3654


456.5519, 0.3467,
0.3492

 50.6011, 0.3837,
0.3689


 117.5876, 0.3663,
0.3599

 35.8913, 0.3923,
0.3731


148.8167, 0.3622,
0.3577

 24.3502, 0.4032,
0.3783


185.1366, 0.3587,
0.3558

 15.5936, 0.4174,
0.3846

226.9317, 0.3557,
0.3542

 9.2371, 0.4365,
0.3925

274.5864, 0.3530,
0.3527

 4.8961, 0.4635,
0.4020


328.4850, 0.3507,

 2.1864, 0.5159,

0.3514

0.4226


389.0121, 0.3486,
0.3502


 0.7126, 0.5793,
0.4207


 0.0000, 0.0000,
0.0000


 68.8642, 0.3768,
0.3654


 68.8642, 0.3768,
0.3654


 61.1535, 0.4028,
0.3768

 77.4199, 0.3538,
0.3538

 54.2753, 0.4317,
0.3872

 86.8645, 0.3339,
0.3424

 48.1932, 0.4627,
0.3955

 97.2186, 0.3167,
0.3316

 42.8740, 0.4943,
0.4004

100.0000, 0.3127,
0.3290

■ 38.2812, 0.5244,
0.4005

■ 34.3742, 0.5505,
0.3951

■ 31.8727, 0.5668,
0.3881

Harmonies

Analogous

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



68.8642, 0.3745, 0.3396



68.8642, 0.3768, 0.3654



68.8642, 0.3611, 0.3834

Triad

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



68.8642, 0.3768, 0.3654



68.8642, 0.2716, 0.3445



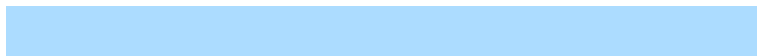
68.8642, 0.2905, 0.2773

Complementary

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



68.8642, 0.3768, 0.3654



67.1930, 0.2612, 0.2893

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.



68.8642, 0.2650, 0.2763



68.8642, 0.3768, 0.3654



68.8642, 0.2546, 0.3132

Square

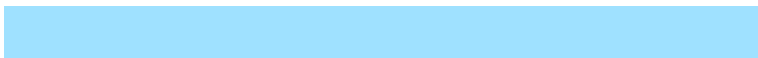
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8642, 0.3768, 0.3654



68.8642, 0.2999, 0.3726



68.8642, 0.2523, 0.2886



68.8642, 0.3232, 0.2905

Rectangle

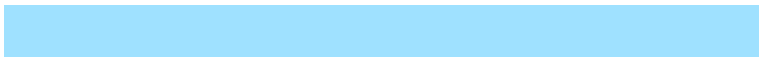
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8642, 0.3768, 0.3654



68.8642, 0.3431, 0.3877



68.8642, 0.2523, 0.2886



68.8642, 0.2808, 0.2755

Sweetspot

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



68.8587, 0.3768, 0.3654



89.4106, 0.3293, 0.3396



55.9604, 0.3447, 0.2797



18.8348, 0.3318, 0.3411



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.



68.8587, 0.3768, 0.3654



63.7875, 0.3932, 0.3728



91.4259, 0.3640, 0.4044



19.2452, 0.3284, 0.3391



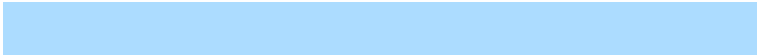
16.9343, 0.5640, 0.3904



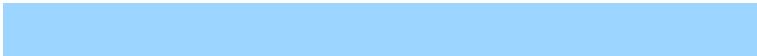
1.8594, 0.5437, 0.4065

Inverse Universe

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



67.1930, 0.2612, 0.2893



61.8761, 0.2511, 0.2800



48.2046, 0.2551, 0.2403



19.1235, 0.2979, 0.3187



15.0654, 0.1846, 0.1844



1.6832, 0.1896, 0.2024

Previews

White Background



This preview shows how the Yxy color 68.8642, 0.3768, 0.3654 looks on a white background.

Color Contrast Check

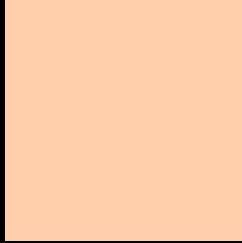
Large Text (above 18pt) WCAG AA × Fail

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 68.8642, 0.3768, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

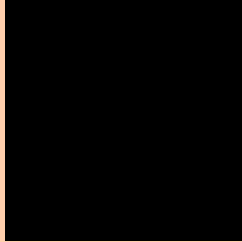
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8642, 0.3768, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 68.8642, 0.3768, 0.3654.



This preview shows how white text looks on a background with the Yxy color 68.8642, 0.3768, 0.3654.

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

68.8642, 0.3768, 0.3654

Protanopia

68.9043, 0.3506, 0.3733

Deuteranopia

68.9730, 0.3748, 0.3667



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

68.8642, 0.3768, 0.3654

Protanomaly

68.8608, 0.3591, 0.3703

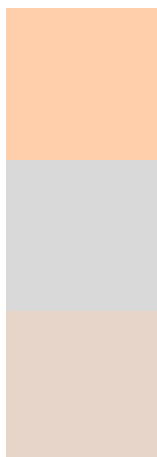
Deuteranomaly

69.1611, 0.3756, 0.3666

Tritanomaly

68.6159, 0.3558, 0.3332

Monochromacy



Original Color

68.8642, 0.3768, 0.3654

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.7945, 0.3347, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8642, 0.3768, 0.3654 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, 207, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 172)  
}
```

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, 207, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 172) }
```

Border

The CSS property to change the border of an element to Yxy 68.8642, 0.3768, 0.3654 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, 207, 172) }
```

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

```
.border{ border-color:rgb(255, 207, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8642, 0.3768, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 172) }
```

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

```
.background{ background-color: rgb(255,  
207, 172) }
```

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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