

Converting Colors

$Y_{xy}(72.5399, 0.4003, 0.3602)$

Have a look what the booklet for
Yxy(72.5399, 0.4003, 0.3602)
contains.

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Color

Yxy(66.9121, 0.3789, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBAB
RGB	255, 203, 171
RGB Percent	100%, 80%, 67%
CMY	0.0000, 0.2040, 0.3293
CMYK	0.00, 0.20, 0.33, 0.00
HSL	23°, 100%, 84%
HSV	23°, 33%, 100%
XYZ	69.9586, 66.9121, 47.7653
YIQ	214.9000, 41.2640, 1.0720

Conversions

Conversions Part 2

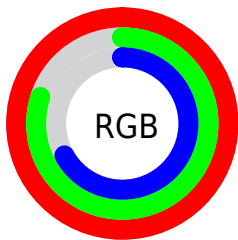
Format	Color
R _Y B	255, 223, 171
Decimal	16763819
CIE Lab	85.46, 14.12, 22.96
CIE LCh	85, 26.957, 58.416
Yxy	66.9121, 0.3789, 0.3624
Android (android.graphics.Color)	4294953899 (0xFFFFCBAB)
YUV	214.9000, -21.6427, 35.1677
Hunter-Lab	81.7998, 9.5109, 22.6387

Details

The Yxy color **66.9121, 0.3789, 0.3624** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.6720, 0.2611, 0.2928**, and the grayscale version is **68.0083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **34.6971, 0.3947, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **58.9445, 0.4060, 0.3727**, and if you desaturate by 10%, it is **75.8186, 0.3552, 0.3518**.

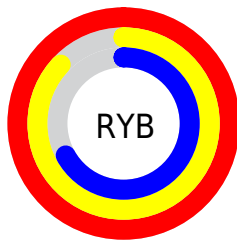
Distribution



Red (100%)

Green (80%)

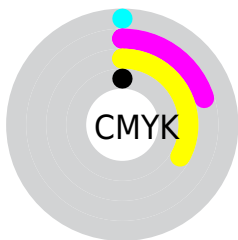
Blue (67%)



Red (100%)

Yellow (87%)

Blue (67%)

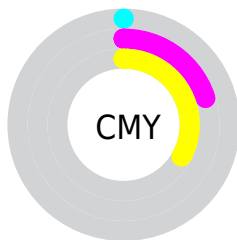


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9121, 0.3789, 0.3624 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 66.9121, 0.3789, 0.3624 by changing the saturation by 10% instead.


 66.9121, 0.3789,
0.3624

 66.9121, 0.3789,
0.3624

449.6318, 0.3476,
0.3476

 49.0132, 0.3862,
0.3656


 114.7945, 0.3679,
0.3574

 34.6299, 0.3952,
0.3694


145.5467, 0.3637,
0.3554

 23.3780, 0.4067,
0.3740


181.3522, 0.3601,
0.3537

 14.8728, 0.4217,
0.3797

222.5953, 0.3569,
0.3522

 8.7302, 0.4421,
0.3865

269.6604, 0.3541,
0.3508

 4.5656, 0.4711,
0.3946

322.9319, 0.3517,

 1.9947, 0.5311,

0.3496

0.4152

382.7943, 0.3495,
0.3485

0.6044, 0.6039,
0.3961

0.0000, 0.0000,
0.0000

66.9121, 0.3789,
0.3624

66.9121, 0.3789,
0.3624

58.9445, 0.4060,
0.3727

75.8186, 0.3552,
0.3518

51.8952, 0.4363,
0.3820

85.7084, 0.3348,
0.3415

45.7241, 0.4691,
0.3893

96.6074, 0.3173,
0.3317

40.3930, 0.5028,
0.3931

100.0000, 0.3127,
0.3290

■ 35.8600, 0.5348,
0.3922

■ 32.0781, 0.5623,
0.3859

■ 29.8228, 0.5784,
0.3789

Harmonies

Analogous

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



66.9121, 0.3737, 0.3356



66.9121, 0.3789, 0.3624



66.9121, 0.3654, 0.3825

Triad

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



66.9121, 0.3789, 0.3624



66.9121, 0.2746, 0.3496



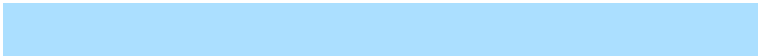
66.9121, 0.2855, 0.2754

Complementary

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



66.9121, 0.3789, 0.3624



68.6720, 0.2611, 0.2928

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.



66.9121, 0.2613, 0.2763



66.9121, 0.3789, 0.3624



66.9121, 0.2552, 0.3174

Square

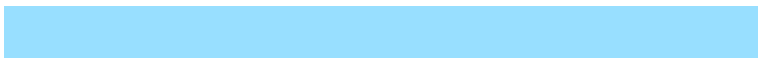
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.9121, 0.3789, 0.3624



66.9121, 0.3046, 0.3767



66.9121, 0.2506, 0.2909



66.9121, 0.3182, 0.2871

Rectangle

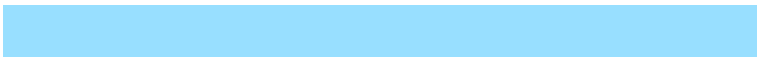
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.9121, 0.3789, 0.3624



66.9121, 0.3481, 0.3885



66.9121, 0.2506, 0.2909



66.9121, 0.2762, 0.2742

Sweetspot

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



66.9078, 0.3789, 0.3624



88.7996, 0.3294, 0.3386



55.7865, 0.3416, 0.2750



18.6874, 0.3319, 0.3400



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.



66.9078, 0.3789, 0.3624



61.1842, 0.3977, 0.3698



88.7837, 0.3659, 0.4016



19.1204, 0.3285, 0.3381



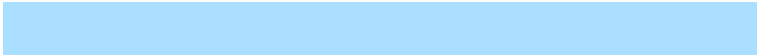
15.8482, 0.5754, 0.3813



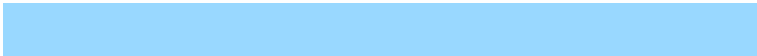
1.7460, 0.5542, 0.3982

Inverse Universe

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



68.6720, 0.2611, 0.2928



63.1917, 0.2503, 0.2836



49.4252, 0.2550, 0.2441



19.2516, 0.2979, 0.3197



16.8346, 0.1886, 0.1989



1.8502, 0.1932, 0.2153

Previews

White Background



This preview shows how the Yxy color 66.9121, 0.3789, 0.3624 looks on a white background.

Color Contrast Check

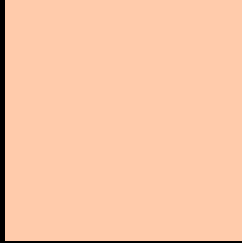
Large Text (above 18pt) WCAG AA × Fail

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 66.9121, 0.3789, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

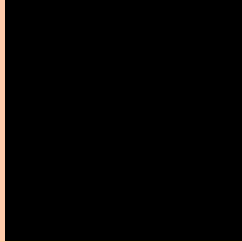
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9121, 0.3789, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 66.9121, 0.3789, 0.3624.



This preview shows how white text looks on a background with the Yxy color 66.9121, 0.3789, 0.3624.

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

66.9121, 0.3789, 0.3624

Protanopia

66.8918, 0.3489, 0.3705

Deuteranopia

66.7427, 0.3733, 0.3651



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

66.9121, 0.3789, 0.3624

Protanomaly

66.6614, 0.3602, 0.3673

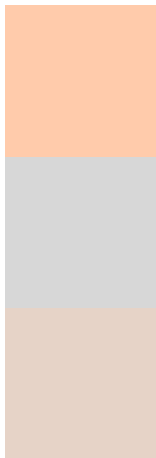
Deuteranomaly

66.6352, 0.3753, 0.3639

Tritanomaly

66.6458, 0.3582, 0.3312

Monochromacy



Original Color

66.9121, 0.3789, 0.3624

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5350, 0.3356, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9121, 0.3789, 0.3624 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, 203, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 171) }
```

Border

The CSS property to change the border of an element to Yxy 66.9121, 0.3789, 0.3624 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, 203, 171) }
```

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

```
.border{ border-color:rgb(255, 203, 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, 203, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9121, 0.3789, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 171) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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