

Converting Colors

$Yxy(83.5874, 0.3921, 0.3539)$

Have a look what the booklet for
Yxy(83.5874, 0.3921, 0.3539)
contains.

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Color

Yxy(74.6034, 0.3603, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9BE
RGB	255, 217, 190
RGB Percent	100%, 85%, 75%
CMY	0.0002, 0.1489, 0.2548
CMYK	0.00, 0.15, 0.25, 0.00
HSL	25°, 100%, 87%
HSV	25°, 25%, 100%
XYZ	75.3352, 74.6034, 59.1516
YIQ	225.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

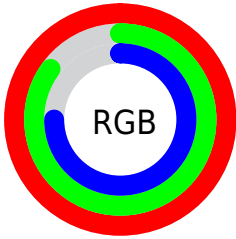
Format	Color
R _Y B	255, 236, 190
Decimal	16767422
CIE Lab	89.21, 9.25, 18.20
CIE LCh	89, 20.414, 63.064
Yxy	74.6034, 0.3603, 0.3568
Android (android.graphics.Color)	4294957502 (0xFFFFD9BE)
YUV	225.2840, -17.3950, 26.0609
Hunter-Lab	86.3733, 4.5354, 19.8573

Details

The Yxy color **74.6034, 0.3603, 0.3568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6221, 0.2725, 0.2994**, and the grayscale version is **75.6203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **39.6526, 0.3717, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **66.2528, 0.3842, 0.3683**, and if you desaturate by 10%, it is **83.8486, 0.3394, 0.3455**.

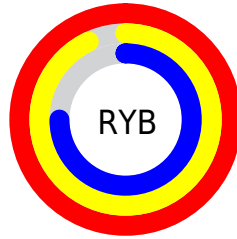
Distribution



Red (100%)

Green (85%)

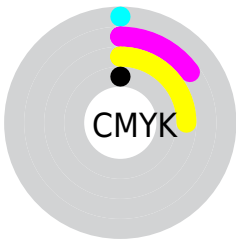
Blue (75%)



Red (100%)

Yellow (93%)

Blue (75%)

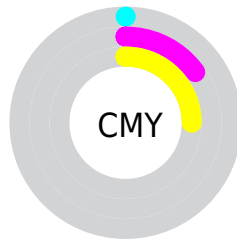


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6034, 0.3603, 0.3568 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 74.6034, 0.3603, 0.3568 by changing the saturation by 10% instead.


 74.6034, 0.3603,
0.3568

 74.6034, 0.3603,
0.3568


476.5533, 0.3382,
0.3444

 55.2880, 0.3653,
0.3595


 125.7508, 0.3526,
0.3526

 39.6324, 0.3715,
0.3628

158.3516, 0.3497,
0.3509

 27.2520, 0.3794,
0.3669


196.1497, 0.3471,
0.3495

 17.7626, 0.3896,
0.3720

239.5295, 0.3449,
0.3482

 10.7797, 0.4034,
0.3785

288.8754, 0.3429,
0.3471

 5.9189, 0.4229,
0.3872

344.5717, 0.3412,

 2.7958, 0.4524,

0.3461

0.3986

407.0029, 0.3396,
0.3452

1.0261, 0.5484,
0.4516

0.0000, 1.0000,
0.0000

74.6034, 0.3603,
0.3568

74.6034, 0.3603,
0.3568

66.2528, 0.3842,
0.3683

83.8486, 0.3394,
0.3455

58.7582, 0.4113,
0.3794

94.0051, 0.3215,
0.3346

52.0929, 0.4411,
0.3891

99.9911, 0.3127,
0.3290

46.2249, 0.4727,
0.3964

■ 41.1193, 0.5044,
0.3999

■ 36.7381, 0.5339,
0.3984

■ 33.0381, 0.5587,
0.3913

■ 31.5668, 0.5684,
0.3869

Harmonies

Analogous

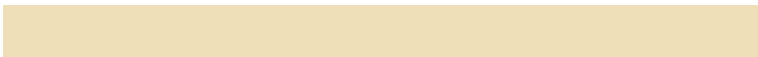
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6034, 0.3585, 0.3376



74.6034, 0.3603, 0.3568



74.6034, 0.3488, 0.3697

Triad

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



74.6034, 0.3603, 0.3568



74.6034, 0.2820, 0.3405



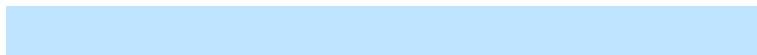
74.6034, 0.2964, 0.2899

Complementary

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



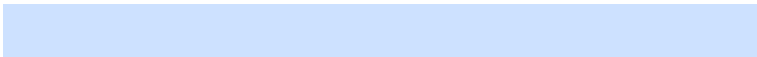
74.6034, 0.3603, 0.3568



73.6221, 0.2725, 0.2994

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.



74.6034, 0.2770, 0.2893



74.6034, 0.3603, 0.3568



74.6034, 0.2690, 0.3176

Square

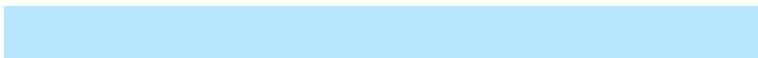
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6034, 0.3603, 0.3568



74.6034, 0.3033, 0.3609



74.6034, 0.2672, 0.2990



74.6034, 0.3208, 0.3000

Rectangle

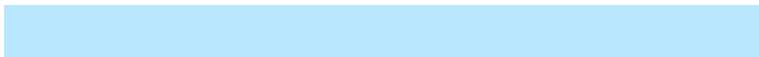
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6034, 0.3603, 0.3568



74.6034, 0.3355, 0.3724



74.6034, 0.2672, 0.2990



74.6034, 0.2891, 0.2886

Sweetspot

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



74.6068, 0.3603, 0.3568



91.3869, 0.3258, 0.3373



63.7400, 0.3353, 0.2897



19.2282, 0.3284, 0.3389



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.



74.6068, 0.3603, 0.3568



69.9090, 0.3732, 0.3632



92.3868, 0.3528, 0.3870



19.2282, 0.3284, 0.3389



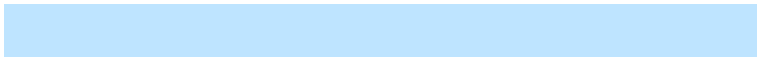
16.7794, 0.5655, 0.3892



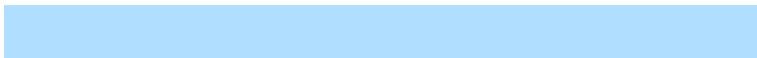
1.8434, 0.5451, 0.4054

Inverse Universe

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



73.6221, 0.2725, 0.2994



68.7519, 0.2637, 0.2920



57.8754, 0.2692, 0.2635



19.1408, 0.2979, 0.3189



15.2965, 0.1851, 0.1864



1.7052, 0.1901, 0.2042

Previews

White Background



This preview shows how the Yxy color 74.6034, 0.3603, 0.3568 looks on a white background.

Color Contrast Check

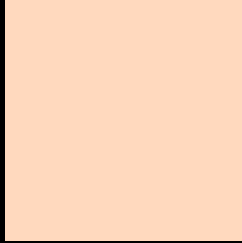
Large Text (above 18pt) WCAG AA × Fail

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 74.6034, 0.3603, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

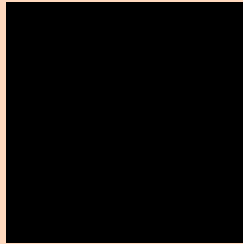
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6034, 0.3603, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 74.6034, 0.3603, 0.3568.



This preview shows how white text looks on a background with the Yxy color 74.6034, 0.3603, 0.3568.

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

74.6034, 0.3603, 0.3568

Protanopia

74.8237, 0.3415, 0.3623

Deuteranopia

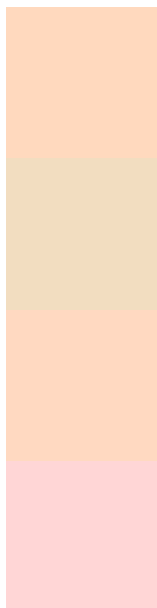
74.7808, 0.3574, 0.3527



Tritanopia

74.4499, 0.3334, 0.3140

Trichromacy



Original Color

74.6034, 0.3603, 0.3568

Protanomaly

74.3959, 0.3481, 0.3597

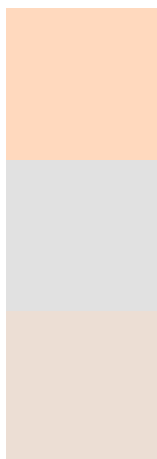
Deuteranomaly

74.7360, 0.3582, 0.3537

Tritanomaly

74.2082, 0.3434, 0.3291

Monochromacy



Original Color

74.6034, 0.3603, 0.3568

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8289, 0.3295, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6034, 0.3603, 0.3568 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, 217, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 190)  
}
```

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, 217, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 190) }
```

Border

The CSS property to change the border of an element to Yxy 74.6034, 0.3603, 0.3568 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, 217, 190) }
```

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

```
.border{ border-color:rgb(255, 217, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6034, 0.3603, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 190) }
```

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

```
.background{ background-color: rgb(255,  
217, 190) }
```

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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