

Converting Colors

$Y_{xy}(75.4070, 0.3591, 0.3569)$

Have a look what the booklet for
Yxy(75.4070, 0.3591, 0.3569)
contains.

Yxy(75.1644, 0.3594, 0.3568)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.1644, 0.3594, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	FFDABF
RGB	255, 218, 191
RGB Percent	100%, 85%, 75%
CMY	0.0000, 0.1451, 0.2511
CMYK	0.00, 0.15, 0.25, 0.00
HSL	25°, 100%, 87%
HSV	25°, 25%, 100%
XYZ	75.7121, 75.1644, 59.7860
YIQ	225.9850, 30.7190, -0.5530

Conversions

Conversions Part 2

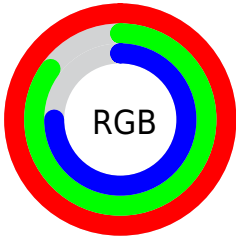
Format	Color
R _Y B	255, 238, 191
Decimal	16767679
CIE Lab	89.47, 8.88, 18.07
CIE LCh	89, 20.137, 63.821
Yxy	75.1644, 0.3594, 0.3568
Android (android.graphics.Color)	4294957759 (0xFFFFDABF)
YUV	225.9850, -17.2476, 25.4462
Hunter-Lab	86.6974, 4.1621, 19.8021

Details

The Yxy color **75.1644, 0.3594, 0.3568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7534, 0.2731, 0.2994**, and the grayscale version is **76.1525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **40.0351, 0.3704, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **66.8375, 0.3831, 0.3685**, and if you desaturate by 10%, it is **84.3723, 0.3387, 0.3453**.

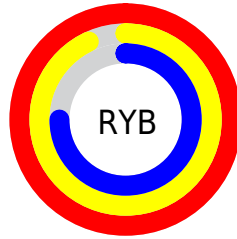
Distribution



Red (100%)

Green (85%)

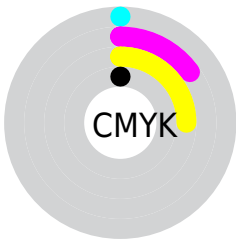
Blue (75%)



Red (100%)

Yellow (93%)

Blue (75%)

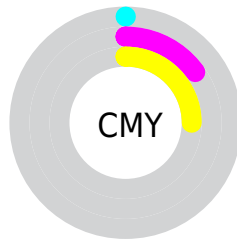


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1644, 0.3594, 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 75.1644, 0.3594, 0.3568 by changing the saturation by 10% instead.


 75.1644, 0.3594,
0.3568

 75.1644, 0.3594,
0.3568


478.4824, 0.3378,
0.3444

 55.7476, 0.3643,
0.3595


 126.5450, 0.3519,
0.3526

 40.0006, 0.3704,
0.3628


159.2777, 0.3490,
0.3509

 27.5390, 0.3781,
0.3669


197.2177, 0.3465,
0.3495

 17.9784, 0.3880,
0.3720

240.7495, 0.3443,
0.3482

 10.9345, 0.4015,
0.3786

290.2575, 0.3424,
0.3471

 6.0228, 0.4205,
0.3873

346.1260, 0.3407,

 2.8590, 0.4492,

0.3461

0.3989

408.7396, 0.3392,
0.3452

■ 1.0585, 0.5455,
0.4545

■ 0.0000, 1.0000,
0.0000

■ 75.1644, 0.3594,
0.3568

■ 75.1644, 0.3594,
0.3568

■ 66.8375, 0.3831,
0.3685

■ 84.3723, 0.3387,
0.3453

■ 59.3539, 0.4099,
0.3797

■ 94.4777, 0.3209,
0.3343

■ 52.6878, 0.4394,
0.3897

100.0000, 0.3127,
0.3290

■ 46.8076, 0.4707,
0.3973

■ 41.6795, 0.5021,
0.4011

■ 37.2664, 0.5313,
0.3998

■ 33.5261, 0.5561,
0.3931

■ 31.9218, 0.5666,
0.3883

Harmonies

Analogous

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



75.1644, 0.3580, 0.3380



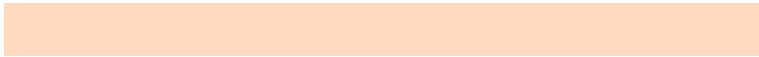
75.1644, 0.3594, 0.3568



75.1644, 0.3478, 0.3692

Triad

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



75.1644, 0.3594, 0.3568



75.1644, 0.2820, 0.3398



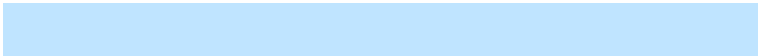
75.1644, 0.2972, 0.2907

Complementary

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



75.1644, 0.3594, 0.3568



73.7534, 0.2731, 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.



75.1644, 0.2779, 0.2899



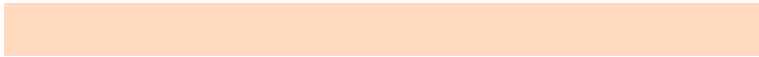
75.1644, 0.3594, 0.3568



75.1644, 0.2694, 0.3172

Square

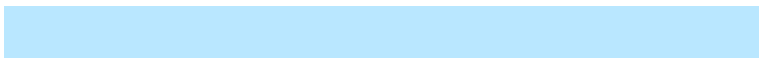
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1644, 0.3594, 0.3568



75.1644, 0.3029, 0.3599



75.1644, 0.2680, 0.2992



75.1644, 0.3213, 0.3008

Rectangle

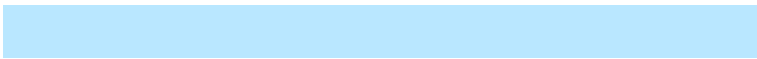
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1644, 0.3594, 0.3568



75.1644, 0.3346, 0.3717



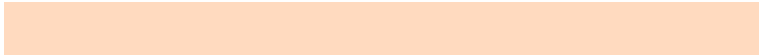
75.1644, 0.2680, 0.2992



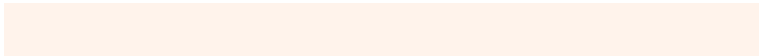
75.1644, 0.2900, 0.2893

Sweetspot

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



75.1677, 0.3594, 0.3568



91.4656, 0.3257, 0.3374



64.1249, 0.3357, 0.2913



19.2480, 0.3284, 0.3391



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.



75.1677, 0.3594, 0.3568



70.9885, 0.3706, 0.3625



93.1824, 0.3520, 0.3871



19.2480, 0.3284, 0.3391



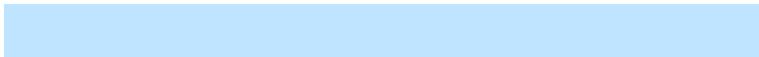
16.9602, 0.5637, 0.3906



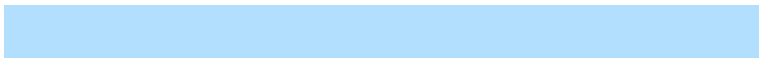
1.8620, 0.5435, 0.4067

Inverse Universe

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



73.7534, 0.2731, 0.2994



69.3542, 0.2653, 0.2928



57.9071, 0.2698, 0.2633



19.1206, 0.2979, 0.3187



15.0274, 0.1845, 0.1841



1.6796, 0.1895, 0.2022

Previews

White Background



This preview shows how the Yxy color 75.1644, 0.3594, 0.3568 looks on a white background.

Color Contrast Check

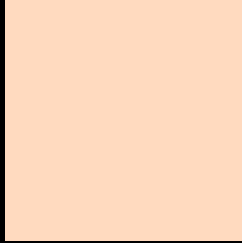
Large Text (above 18pt) WCAG AA × Fail

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 75.1644, 0.3594, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

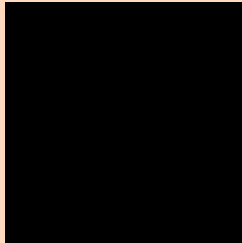
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1644, 0.3594, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 75.1644, 0.3594, 0.3568.



This preview shows how white text looks on a background with the Yxy color 75.1644, 0.3594, 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

75.1644, 0.3594, 0.3568

Protanopia

75.0392, 0.3416, 0.3611

Deuteranopia

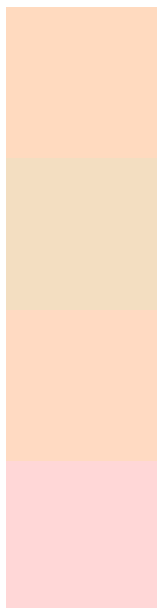
75.3883, 0.3557, 0.3516



Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

75.1644, 0.3594, 0.3568

Protanomaly

75.1475, 0.3479, 0.3596

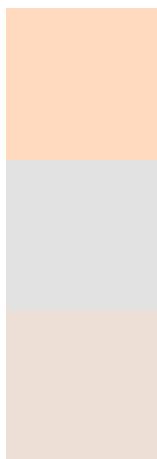
Deuteranomaly

75.2978, 0.3572, 0.3537

Tritanomaly

74.7672, 0.3425, 0.3291

Monochromacy



Original Color

75.1644, 0.3594, 0.3568

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5840, 0.3294, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1644, 0.3594, 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, 218, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 191)  
}
```

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, 218, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 191) }
```

Border

The CSS property to change the border of an element to Yxy 75.1644, 0.3594, 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, 218, 191) }
```

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

```
.border{ border-color:rgb(255, 218, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1644, 0.3594, 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, 218, 191) }
```

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

```
.background{ background-color: rgb(255,  
218, 191) }
```

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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