

Converting Colors

Yxy(138.6341, 0.4961, 0.3484)

Have a look what the booklet for
Yxy(138.6341, 0.4961, 0.3484)
contains.

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Color

Yxy(75.9071, 0.3639, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCB8
RGB	255, 220, 184
RGB Percent	100%, 86%, 72%
CMY	0.0002, 0.1372, 0.2784
CMYK	0.00, 0.14, 0.28, 0.00
HSL	30°, 100%, 86%
HSV	30°, 28%, 100%
XYZ	75.4716, 75.9071, 56.0178
YIQ	226.3610, 32.4160, -3.7760

Conversions

Conversions Part 2

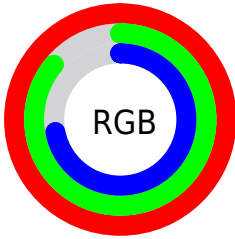
Format	Color
R _Y B	253, 255, 184
Decimal	16768184
CIE Lab	89.82, 6.90, 22.18
CIE LCh	90, 23.232, 72.723
Yxy	75.9071, 0.3639, 0.3660
Android (android.graphics.Color)	4294958264 (0xFFFFDCB8)
YUV	226.3610, -20.8840, 25.1164
Hunter-Lab	87.1247, 2.1570, 22.8661

Details

The Yxy color **75.9071, 0.3639, 0.3660** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.0307, 0.2680, 0.2888**, and the grayscale version is **76.4634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **40.4193, 0.3753, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **68.5925, 0.3869, 0.3798**, and if you desaturate by 10%, it is **83.9159, 0.3434, 0.3522**.

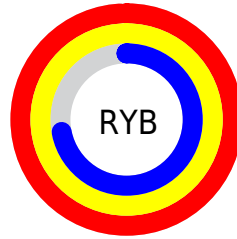
Distribution



Red (100%)

Green (86%)

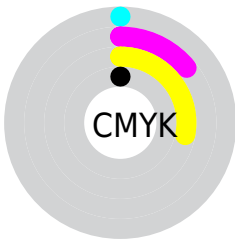
Blue (72%)



Red (99%)

Yellow (100%)

Blue (72%)

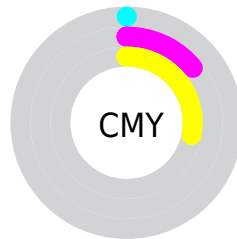


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9071, 0.3639, 0.3660 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 75.9071, 0.3639, 0.3660 by changing the saturation by 10% instead.


 75.9071, 0.3639,
0.3660

 75.9071, 0.3639,
0.3660


481.0296, 0.3403,
0.3494

 56.3563, 0.3692,
0.3696


 127.5956, 0.3558,
0.3604

 40.4887, 0.3758,
0.3740


160.5021, 0.3526,
0.3581

 27.9198, 0.3840,
0.3795


198.6293, 0.3498,
0.3562

 18.2652, 0.3946,
0.3863

242.3616, 0.3474,
0.3545

 11.1405, 0.4088,
0.3951

292.0834, 0.3453,
0.3530

 6.1615, 0.4285,
0.4067

348.1790, 0.3435,

 2.9435, 0.4576,

0.3517

0.4222

411.0330, 0.3418,
0.3505

■ 1.1023, 0.5324,
0.4676

■ 0.0000, 1.0000,
0.0000

■ 75.9071, 0.3639,
0.3660

■ 75.9071, 0.3639,
0.3660

■ 68.5925, 0.3869,
0.3798

■ 83.9159, 0.3434,
0.3522

■ 61.9406, 0.4121,
0.3930

■ 92.6286, 0.3253,
0.3389

■ 55.9324, 0.4390,
0.4045

99.9911, 0.3127,
0.3290

■ 50.5436, 0.4665,
0.4131

■ 45.7480, 0.4932,
0.4174

■ 41.5162, 0.5173,
0.4166

■ 37.8125, 0.5373,
0.4102

■ 37.0706, 0.5413,
0.4084

Harmonies

Analogous

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



75.9071, 0.3670, 0.3458



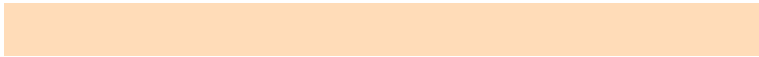
75.9071, 0.3639, 0.3660



75.9071, 0.3467, 0.3773

Triad

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



75.9071, 0.3639, 0.3660



75.9071, 0.2720, 0.3335



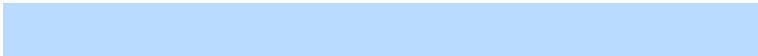
75.9071, 0.3027, 0.2877

Complementary

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



75.9071, 0.3639, 0.3660



68.0307, 0.2680, 0.2888

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.



75.9071, 0.2784, 0.2833



75.9071, 0.3639, 0.3660



75.9071, 0.2613, 0.3083

Square

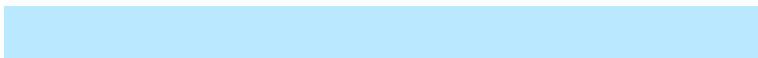
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9071, 0.3639, 0.3660



75.9071, 0.2935, 0.3586



75.9071, 0.2636, 0.2903



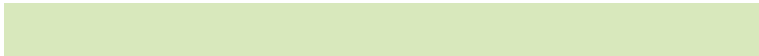
75.9071, 0.3308, 0.3018

Rectangle

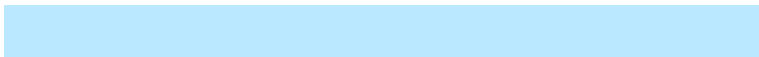
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9071, 0.3639, 0.3660



75.9071, 0.3300, 0.3775



75.9071, 0.2636, 0.2903



75.9071, 0.2939, 0.2850

Sweetspot

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



75.9106, 0.3639, 0.3660



92.5144, 0.3256, 0.3391



60.6698, 0.3437, 0.2928



19.5118, 0.3282, 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.



75.9106, 0.3639, 0.3660



72.0736, 0.3755, 0.3732



96.2018, 0.3549, 0.3988



19.5118, 0.3282, 0.3411



19.6778, 0.5388, 0.4104



2.1346, 0.5215, 0.4241

Inverse Universe

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



68.0307, 0.2680, 0.2888



63.0849, 0.2594, 0.2801



51.6860, 0.2638, 0.2482



18.8544, 0.2979, 0.3166



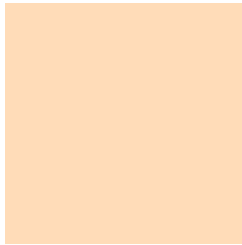
11.8037, 0.1763, 0.1548



1.3673, 0.1821, 0.1756

Previews

White Background



This preview shows how the Yxy color 75.9071, 0.3639, 0.3660 looks on a white background.

Color Contrast Check

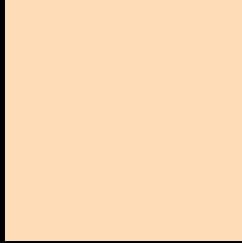
Large Text (above 18pt) WCAG AA × Fail

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 75.9071, 0.3639, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

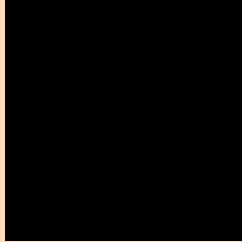
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9071, 0.3639, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 75.9071, 0.3639, 0.3660.



This preview shows how white text looks on a background with the Yxy color 75.9071, 0.3639, 0.3660.

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

75.9071, 0.3639, 0.3660

Protanopia

76.3313, 0.3483, 0.3704

Deuteranopia

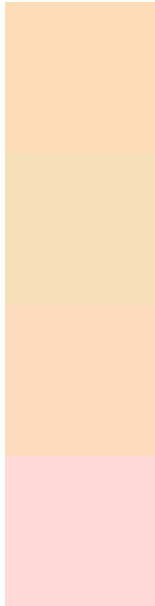
75.8181, 0.3570, 0.3547



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

75.9071, 0.3639, 0.3660

Protanomaly

76.2690, 0.3539, 0.3689

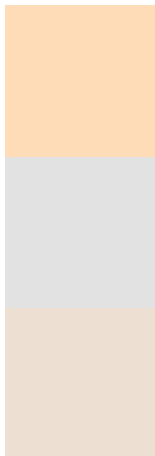
Deuteranomaly

75.6407, 0.3599, 0.3588

Tritanomaly

75.6898, 0.3436, 0.3331

Monochromacy



Original Color

75.9071, 0.3639, 0.3660

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0190, 0.3307, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9071, 0.3639, 0.3660 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, 220, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 184)  
}
```

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, 220, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 184) }
```

Border

The CSS property to change the border of an element to Yxy 75.9071, 0.3639, 0.3660 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, 220, 184) }
```

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

```
.border{ border-color:rgb(255, 220, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9071, 0.3639, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 184) }
```

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

```
.background{ background-color: rgb(255,  
220, 184) }
```

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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