

Converting Colors

$Y_{xy}(75.8850, 0.3583, 0.3570)$

Have a look what the booklet for
Yxy(75.8850, 0.3583, 0.3570)
contains.

| | |
|---|----|
| Yxy(75.7288, 0.3584, 0.3567) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(75.7288, 0.3584, 0.3567)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDBC0 |
| RGB | 255, 219, 192 |
| RGB Percent | 100%, 86%, 75% |
| CMY | 0.0000, 0.1412, 0.2470 |
| CMYK | 0.00, 0.14, 0.25, 0.00 |
| HSL | 26°, 100%, 88% |
| HSV | 26°, 25%, 100% |
| XYZ | 76.0897, 75.7288, 60.4854 |
| YIQ | 226.6860, 30.1230, -0.7650 |

Conversions

Conversions Part 2

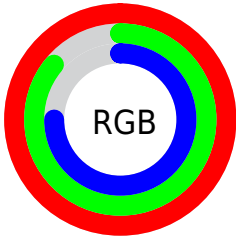
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 239, 192 |
| Decimal | 16767936 |
| CIE Lab | 89.73, 8.52, 17.89 |
| CIE LCh | 90, 19.814, 64.538 |
| Yxy | 75.7288, 0.3584, 0.3567 |
| Android (android.graphics.Color) | 4294958016 (0xFFFFDBC0) |
| YUV | 226.6860, -17.1002, 24.8314 |
| Hunter-Lab | 87.0223, 3.7861, 19.7057 |

Details

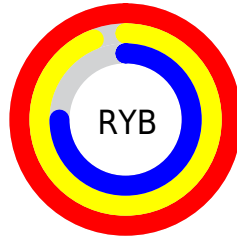
The Yxy color **75.7288, 0.3584, 0.3567** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9245, 0.2737, 0.2996**, and the grayscale version is **76.6875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **40.3917, 0.3700, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **67.4212, 0.3819, 0.3685**, and if you desaturate by 10%, it is **84.9016, 0.3379, 0.3451**.

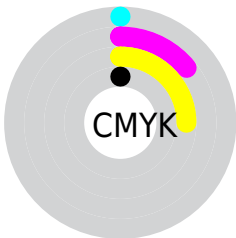
Distribution



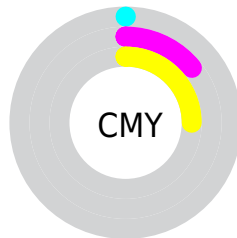
- Red (100%)
- Green (86%)
- Blue (75%)



- Red (100%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7288, 0.3584, 0.3567 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 75.7288, 0.3584, 0.3567 by changing the saturation by 10% instead.


 75.7288, 0.3584,
0.3567

 75.7288, 0.3584,
0.3567


480.4188, 0.3373,
0.3443

 56.2102, 0.3632,
0.3594


 127.3435, 0.3511,
0.3525

 40.3714, 0.3691,
0.3627


160.2083, 0.3482,
0.3508

 27.8283, 0.3766,
0.3668


198.2906, 0.3458,
0.3494

 18.1962, 0.3863,
0.3719


241.9749, 0.3436,
0.3481

 11.0910, 0.3994,
0.3785

291.6454, 0.3418,
0.3470

 6.1281, 0.4179,
0.3873

347.6867, 0.3401,

 2.9231, 0.4457,

0.3460

0.3990

410.4830, 0.3386,
0.3451

1.0917, 0.5427,
0.4573

0.0000, 1.0000,
0.0000

75.7288, 0.3584,
0.3567

75.7288, 0.3584,
0.3567

67.4212, 0.3819,
0.3685

84.9016, 0.3379,
0.3451

59.9465, 0.4084,
0.3800

94.9602, 0.3202,
0.3340

53.2777, 0.4376,
0.3902

100.0000, 0.3127,
0.3290

47.3843, 0.4685,
0.3980

■ 42.2332, 0.4997,
0.4021

■ 37.7881, 0.5288,
0.4013

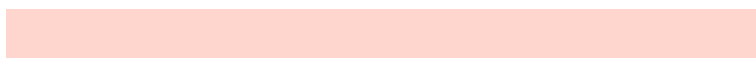
■ 34.0078, 0.5535,
0.3948

■ 32.2510, 0.5648,
0.3897

Harmonies

Analogous

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



75.7288, 0.3573, 0.3383



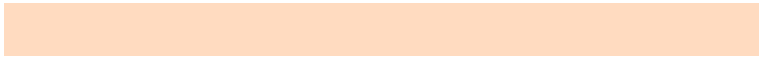
75.7288, 0.3584, 0.3567



75.7288, 0.3468, 0.3687

Triad

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



75.7288, 0.3584, 0.3567



75.7288, 0.2822, 0.3391



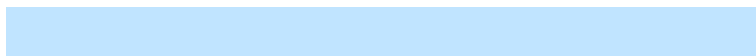
75.7288, 0.2980, 0.2915

Complementary

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



75.7288, 0.3584, 0.3567



73.9245, 0.2737, 0.2996

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.



75.7288, 0.2789, 0.2905



75.7288, 0.3584, 0.3567



75.7288, 0.2701, 0.3170

Square

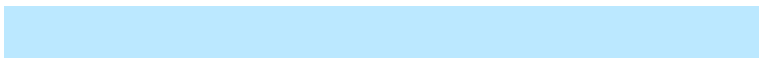
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7288, 0.3584, 0.3567



75.7288, 0.3025, 0.3589



75.7288, 0.2689, 0.2994



75.7288, 0.3218, 0.3016

Rectangle

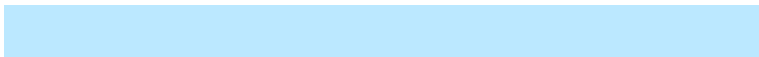
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7288, 0.3584, 0.3567



75.7288, 0.3337, 0.3708



75.7288, 0.2689, 0.2994



75.7288, 0.2909, 0.2901

Sweetspot

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



75.7306, 0.3584, 0.3567



92.5656, 0.3240, 0.3365



64.6108, 0.3353, 0.2919



19.6801, 0.3250, 0.3371



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.



75.7306, 0.3584, 0.3567



71.2200, 0.3705, 0.3630



93.2834, 0.3513, 0.3862



19.2667, 0.3284, 0.3392



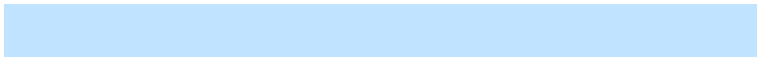
17.1341, 0.5619, 0.3920



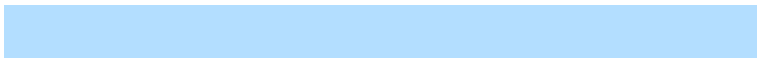
1.8799, 0.5419, 0.4079

Inverse Universe

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



73.9245, 0.2737, 0.2996



69.1062, 0.2652, 0.2923



58.4825, 0.2706, 0.2646



19.1015, 0.2979, 0.3186



14.7765, 0.1839, 0.1820



1.6557, 0.1890, 0.2002

Previews

White Background



This preview shows how the Yxy color 75.7288, 0.3584, 0.3567 looks on a white background.

Color Contrast Check

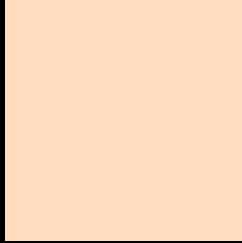
Large Text (above 18pt) WCAG AA × Fail

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 75.7288, 0.3584, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

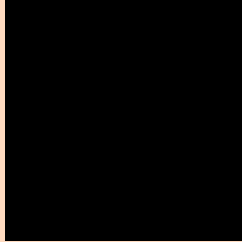
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7288, 0.3584, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 75.7288, 0.3584, 0.3567.



This preview shows how white text looks on a background with the Yxy color 75.7288, 0.3584, 0.3567.

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

75.7288, 0.3584, 0.3567

Protanopia

75.7951, 0.3415, 0.3610

Deuteranopia

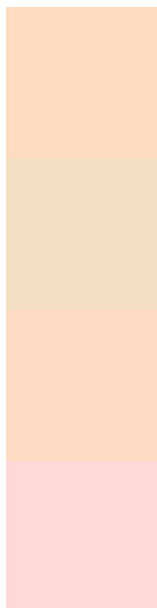
76.0003, 0.3541, 0.3505



Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.7288, 0.3584, 0.3567

Protanomaly

75.9035, 0.3478, 0.3595

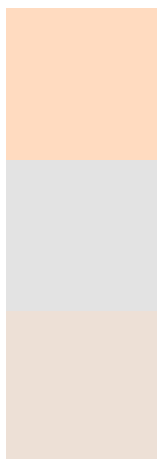
Deuteranomaly

75.9086, 0.3555, 0.3526

Tritanomaly

75.3296, 0.3416, 0.3291

Monochromacy



Original Color

75.7288, 0.3584, 0.3567

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1709, 0.3286, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7288, 0.3584, 0.3567 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, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 192)  
}
```

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, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 192) }
```

Border

The CSS property to change the border of an element to Yxy 75.7288, 0.3584, 0.3567 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, 219, 192) }
```

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

```
.border{ border-color:rgb(255, 219, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7288, 0.3584, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 192) }
```

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

```
.background{ background-color: rgb(255,  
219, 192) }
```

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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