

Converting Colors

$Y_{xy}(100.0000, 0.4285, 0.3473)$

Have a look what the booklet for
Yxy(100.0000, 0.4285, 0.3473)
contains.

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Color

Yxy(75.8632, 0.3562, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC3
RGB	255, 219, 195
RGB Percent	100%, 86%, 76%
CMY	0.0000, 0.1411, 0.2352
CMYK	0.00, 0.14, 0.24, 0.00
HSL	24°, 100%, 88%
HSV	24°, 24%, 100%
XYZ	76.4210, 75.8632, 62.2610
YIQ	227.0280, 29.1600, 0.1680

Conversions

Conversions Part 2

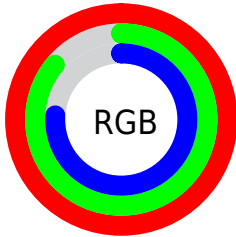
Format	Color
R _Y B	255, 235, 195
Decimal	16767939
CIE Lab	89.80, 8.92, 16.40
CIE LCh	90, 18.673, 61.460
Yxy	75.8632, 0.3562, 0.3536
Android (android.graphics.Color)	4294958019 (0xFFFFDBC3)
YUV	227.0280, -15.7898, 24.5314
Hunter-Lab	87.0995, 4.1917, 18.5876

Details

The Yxy color **75.8632, 0.3562, 0.3536** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9819, 0.2757, 0.3030**, and the grayscale version is **76.9411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **40.4798, 0.3672, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **67.1890, 0.3798, 0.3647**, and if you desaturate by 10%, it is **85.4751, 0.3358, 0.3428**.

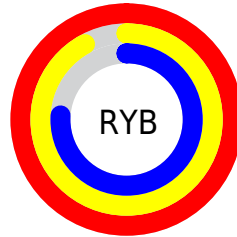
Distribution



Red (100%)

Green (86%)

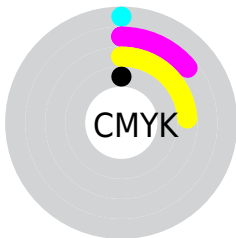
Blue (76%)



Red (100%)

Yellow (92%)

Blue (76%)

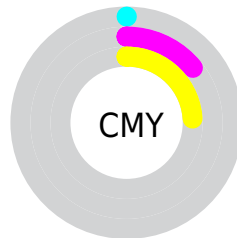


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8632, 0.3562, 0.3536 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 75.8632, 0.3562, 0.3536 by changing the saturation by 10% instead.


 75.8632, 0.3562,
0.3536

 75.8632, 0.3562,
0.3536


480.8793, 0.3361,
0.3426

 56.3203, 0.3608,
0.3560


127.5335, 0.3492,
0.3499

 40.4598, 0.3664,
0.3589


160.4298, 0.3465,
0.3484

 27.8972, 0.3736,
0.3625


198.5459, 0.3442,
0.3471

 18.2482, 0.3828,
0.3670

242.2664, 0.3421,
0.3460

 11.1283, 0.3954,
0.3729

291.9756, 0.3404,
0.3450

 6.1532, 0.4132,
0.3807

348.0578, 0.3388,

 2.9385, 0.4402,

0.3441

0.3912

410.8976, 0.3374,
0.3433

■ 1.0997, 0.5375,
0.4486

■ 0.0000, 1.0000,
0.0000

■ 75.8632, 0.3562,
0.3536

■ 75.8632, 0.3562,
0.3536

■ 67.1890, 0.3798,
0.3647

■ 85.4751, 0.3358,
0.3428

■ 59.4126, 0.4066,
0.3755

■ 96.0427, 0.3183,
0.3325

■ 52.5060, 0.4365,
0.3852

99.9978, 0.3127,
0.3290

■ 46.4356, 0.4686,
0.3927

■ 41.1655, 0.5012,
0.3967

■ 36.6561, 0.5321,
0.3959

■ 32.8633, 0.5586,
0.3896

■ 30.7561, 0.5730,
0.3832

Harmonies

Analogous

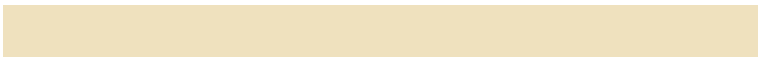
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8632, 0.3539, 0.3359



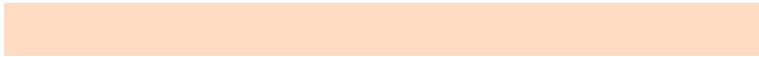
75.8632, 0.3562, 0.3536



75.8632, 0.3464, 0.3656

Triad

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



75.8632, 0.3562, 0.3536



75.8632, 0.2856, 0.3406



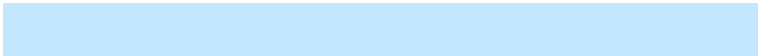
75.8632, 0.2968, 0.2930

Complementary

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



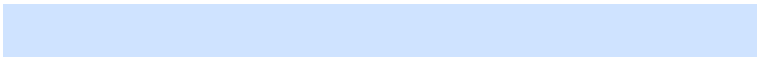
75.8632, 0.3562, 0.3536



75.9819, 0.2757, 0.3030

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.



75.8632, 0.2794, 0.2931



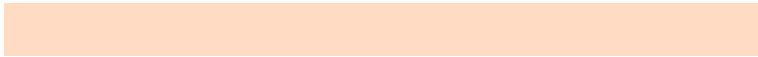
75.8632, 0.3562, 0.3536



75.8632, 0.2732, 0.3198

Square

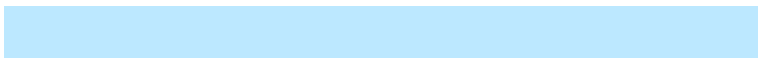
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8632, 0.3562, 0.3536



75.8632, 0.3054, 0.3586



75.8632, 0.2710, 0.3025



75.8632, 0.3189, 0.3018

Rectangle

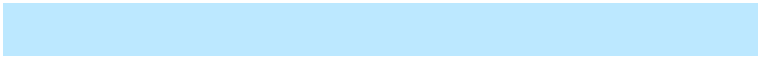
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8632, 0.3562, 0.3536



75.8632, 0.3346, 0.3684



75.8632, 0.2710, 0.3025



75.8632, 0.2902, 0.2920

Sweetspot

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



75.8667, 0.3562, 0.3536



92.2585, 0.3241, 0.3360



66.1273, 0.3324, 0.2918



19.6091, 0.3251, 0.3366



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.



75.8667, 0.3562, 0.3536



71.8684, 0.3664, 0.3586



92.3298, 0.3498, 0.3815



19.1792, 0.3284, 0.3386



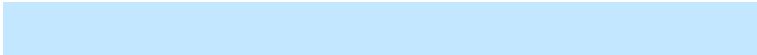
16.3450, 0.5701, 0.3856



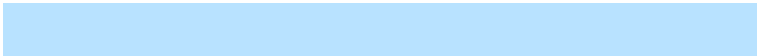
1.7983, 0.5493, 0.4021

Inverse Universe

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



75.9819, 0.2757, 0.3030



71.9961, 0.2686, 0.2974



61.0775, 0.2731, 0.2704



19.1910, 0.2979, 0.3193



15.9802, 0.1867, 0.1920



1.7699, 0.1915, 0.2092

Previews

White Background



This preview shows how the Yxy color 75.8632, 0.3562, 0.3536 looks on a white background.

Color Contrast Check

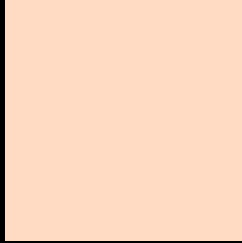
Large Text (above 18pt) WCAG AA × Fail

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 75.8632, 0.3562, 0.3536 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 75.8632, 0.3562, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 75.8632, 0.3562, 0.3536.

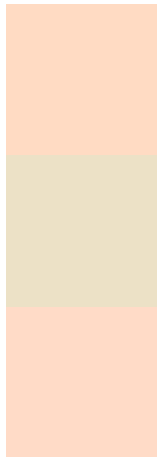


This preview shows how white text looks on a background with the Yxy color 75.8632, 0.3562, 0.3536.

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

75.8632, 0.3562, 0.3536

Protanopia

75.7605, 0.3387, 0.3578

Deuteranopia

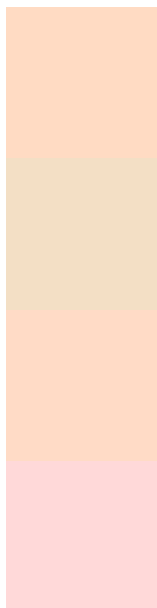
76.0466, 0.3533, 0.3495



Tritanopia

76.0849, 0.3316, 0.3151

Trichromacy



Original Color

75.8632, 0.3562, 0.3536

Protanomaly

75.8613, 0.3449, 0.3563

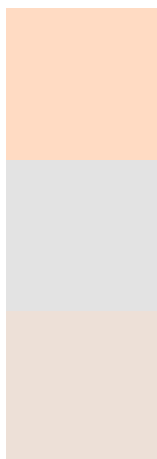
Deuteranomaly

76.0003, 0.3541, 0.3505

Tritanomaly

75.8955, 0.3407, 0.3291

Monochromacy



Original Color

75.8632, 0.3562, 0.3536

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2221, 0.3279, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8632, 0.3562, 0.3536 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 195) }
```

Border

The CSS property to change the border of an element to Yxy 75.8632, 0.3562, 0.3536 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, 195) }
```

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

```
.border{ border-color:rgb(255, 219, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8632, 0.3562, 0.3536 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
219, 195) }
```

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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