

Converting Colors

$Y_{xy}(75.4268, 0.3537, 0.3484)$

Have a look what the booklet for
Yxy(75.4268, 0.3537, 0.3484)
contains.

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Color

Yxy(75.5263, 0.3535, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAC7
RGB	255, 218, 199
RGB Percent	100%, 85%, 78%
CMY	0.0002, 0.1450, 0.2195
CMYK	0.00, 0.14, 0.22, 0.00
HSL	20°, 100%, 89%
HSV	20°, 22%, 100%
XYZ	76.6099, 75.5263, 64.5820
YIQ	226.8970, 28.1510, 1.9350

Conversions

Conversions Part 2

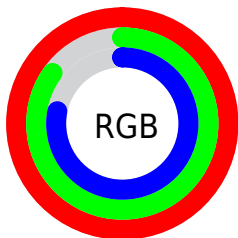
Format	Color
R _Y B	255, 228, 199
Decimal	16767687
CIE Lab	89.64, 9.98, 14.10
CIE LCh	90, 17.271, 54.700
Yxy	75.5263, 0.3535, 0.3485
Android (android.graphics.Color)	4294957767 (0xFFFFDAC7)
YUV	226.8970, -13.7532, 24.6463
Hunter-Lab	86.9059, 5.2673, 16.7742

Details

The Yxy color **75.5263, 0.3535, 0.3485** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3259, 0.2785, 0.3086**, and the grayscale version is **76.8237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2445, 0.3637, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **66.1494, 0.3774, 0.3580**, and if you desaturate by 10%, it is **85.9953, 0.3331, 0.3393**.

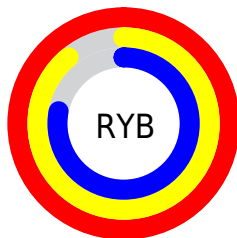
Distribution



Red (100%)

Green (85%)

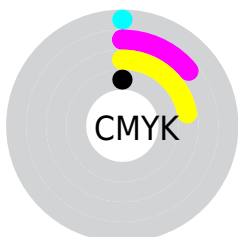
Blue (78%)



Red (100%)

Yellow (89%)

Blue (78%)

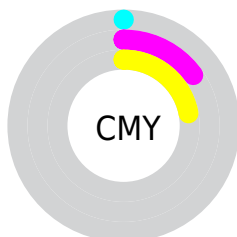


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5263, 0.3535, 0.3485 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 75.5263, 0.3535, 0.3485 by changing the saturation by 10% instead.


 75.5263, 0.3535,
0.3485

 75.5263, 0.3535,
0.3485


479.7246, 0.3346,
0.3398

 56.0442, 0.3578,
0.3504


127.0571, 0.3469,
0.3456

 40.2383, 0.3631,
0.3527


159.8745, 0.3444,
0.3444

 27.7244, 0.3699,
0.3555


197.9058, 0.3422,
0.3434

 18.1180, 0.3787,
0.3590

241.5354, 0.3403,
0.3425

 11.0348, 0.3906,
0.3636

291.1477, 0.3386,
0.3417

 6.0902, 0.4076,
0.3697

347.1271, 0.3371,

 2.9000, 0.4338,

0.3410

0.3779

409.8579, 0.3358,
0.3404

1.0798, 0.5143,
0.4175

0.0000, 1.0000,
0.0000

75.5263, 0.3535,
0.3485

75.5263, 0.3535,
0.3485

66.1494, 0.3774,
0.3580

85.9953, 0.3331,
0.3393

57.8181, 0.4052,
0.3673

97.5806, 0.3158,
0.3306

50.4976, 0.4366,
0.3757

99.9920, 0.3127,
0.3290

44.1469, 0.4709,
0.3822

■ 38.7221, 0.5066,
0.3855

■ 34.1753, 0.5408,
0.3844

■ 30.4532, 0.5704,
0.3782

■ 28.0059, 0.5895,
0.3701

Harmonies

Analogous

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



75.5263, 0.3488, 0.3315



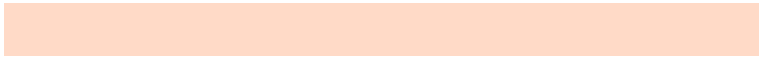
75.5263, 0.3535, 0.3485



75.5263, 0.3469, 0.3611

Triad

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



75.5263, 0.3535, 0.3485



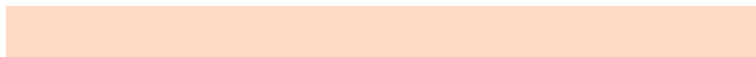
75.5263, 0.2913, 0.3440



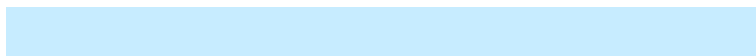
75.5263, 0.2938, 0.2948

Complementary

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



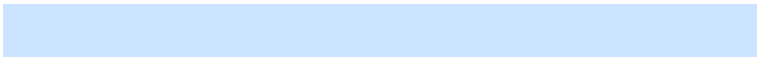
75.5263, 0.3535, 0.3485



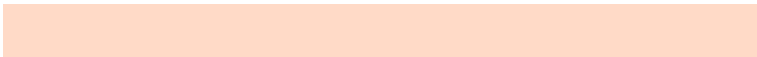
79.3259, 0.2785, 0.3086

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.



75.5263, 0.2793, 0.2969



75.5263, 0.3535, 0.3485



75.5263, 0.2779, 0.3248

Square

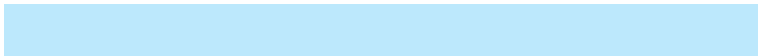
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5263, 0.3535, 0.3485



75.5263, 0.3106, 0.3591



75.5263, 0.2736, 0.3076



75.5263, 0.3138, 0.3013

Rectangle

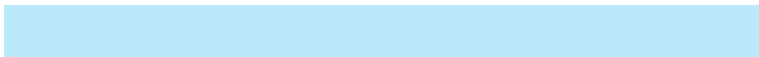
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5263, 0.3535, 0.3485



75.5263, 0.3371, 0.3651



75.5263, 0.2736, 0.3076



75.5263, 0.2881, 0.2946

Sweetspot

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



75.5297, 0.3535, 0.3485



91.6125, 0.3242, 0.3349



68.1806, 0.3288, 0.2917



19.4597, 0.3252, 0.3355



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.



75.5297, 0.3535, 0.3485



71.6206, 0.3628, 0.3523



91.0655, 0.3478, 0.3753



18.9956, 0.3286, 0.3371



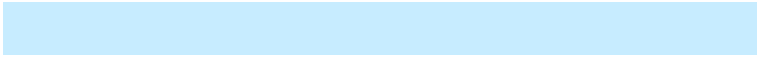
14.8860, 0.5865, 0.3725



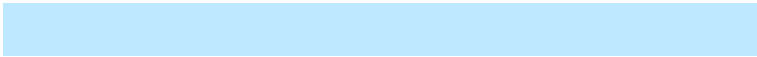
1.6424, 0.5646, 0.3899

Inverse Universe

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



79.3259, 0.2785, 0.3086



75.9826, 0.2722, 0.3044



64.6393, 0.2762, 0.2780



19.3811, 0.2980, 0.3207



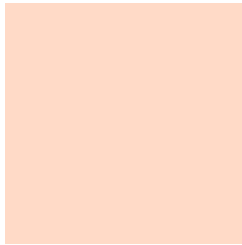
18.7659, 0.1927, 0.2136



2.0299, 0.1968, 0.2283

Previews

White Background



This preview shows how the Yxy color 75.5263, 0.3535, 0.3485 looks on a white background.

Color Contrast Check

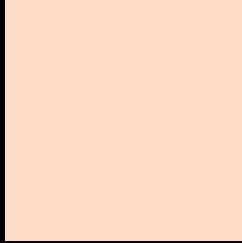
Large Text (above 18pt) WCAG AA × Fail

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 75.5263, 0.3535, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

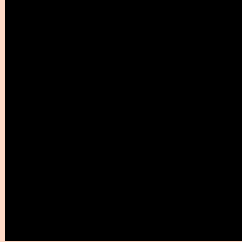
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5263, 0.3535, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 75.5263, 0.3535, 0.3485.

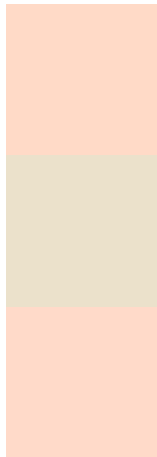


This preview shows how white text looks on a background with the Yxy color 75.5263, 0.3535, 0.3485.

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

75.5263, 0.3535, 0.3485

Protanopia

75.8244, 0.3345, 0.3525

Deuteranopia

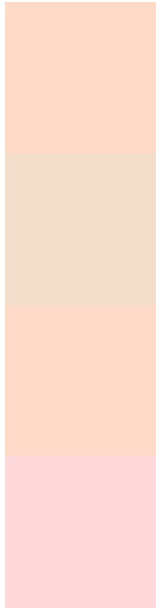
75.6199, 0.3521, 0.3464



Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.5263, 0.3535, 0.3485

Protanomaly

75.3841, 0.3409, 0.3501

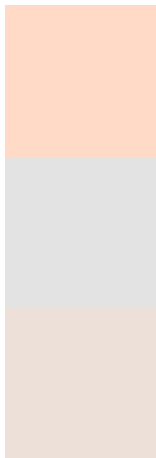
Deuteranomaly

75.5729, 0.3528, 0.3475

Tritanomaly

75.4862, 0.3394, 0.3261

Monochromacy



Original Color

75.5263, 0.3535, 0.3485

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3256, 0.3266, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5263, 0.3535, 0.3485 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 199) }
```

Border

The CSS property to change the border of an element to Yxy 75.5263, 0.3535, 0.3485 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, 199) }
```

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

```
.border{ border-color:rgb(255, 218, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
199) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.5263, 0.3535, 0.3485$ 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
218, 199) }
```

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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