

Converting Colors

$Yxy(83.0228, 0.3817, 0.3448)$

Have a look what the booklet for
Yxy(83.0228, 0.3817, 0.3448)
contains.

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Color

Yxy(75.0558, 0.3530, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C8
RGB	255, 217, 200
RGB Percent	100%, 85%, 78%
CMY	0.0002, 0.1489, 0.2157
CMYK	0.00, 0.15, 0.22, 0.00
HSL	19°, 100%, 89%
HSV	19°, 22%, 100%
XYZ	76.4638, 75.0558, 65.0917
YIQ	226.4240, 28.1050, 2.7690

Conversions

Conversions Part 2

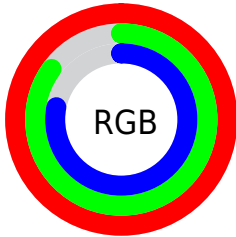
Format	Color
R _Y B	255, 225, 200
Decimal	16767432
CIE Lab	89.42, 10.63, 13.28
CIE LCh	89, 17.008, 51.311
Yxy	75.0558, 0.3530, 0.3465
Android (android.graphics.Color)	4294957512 (0xFFFFD9C8)
YUV	226.4240, -13.0270, 25.0612
Hunter-Lab	86.6348, 5.9332, 16.0977

Details

The Yxy color **75.0558, 0.3530, 0.3465** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5940, 0.2792, 0.3108**, and the grayscale version is **76.4555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9218, 0.3630, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **65.3725, 0.3772, 0.3552**, and if you desaturate by 10%, it is **85.9115, 0.3325, 0.3381**.

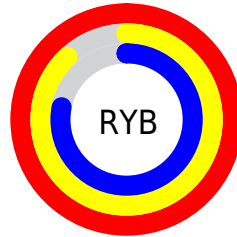
Distribution



Red (100%)

Green (85%)

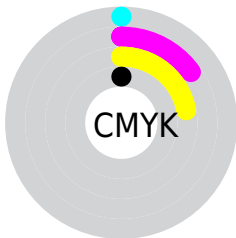
Blue (78%)



Red (100%)

Yellow (88%)

Blue (78%)

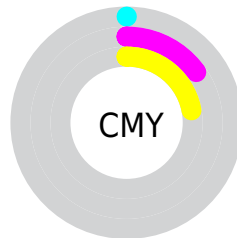


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0558, 0.3530, 0.3465 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 75.0558, 0.3530, 0.3465 by changing the saturation by 10% instead.


 75.0558, 0.3530,
0.3465

 75.0558, 0.3530,
0.3465


478.1093, 0.3343,
0.3387

 55.6586, 0.3573,
0.3482


126.3913, 0.3465,
0.3439

 39.9293, 0.3626,
0.3502


159.0985, 0.3440,
0.3428

 27.4834, 0.3692,
0.3527


197.0111, 0.3418,
0.3419

 17.9366, 0.3780,
0.3559

240.5135, 0.3399,
0.3411

 10.9045, 0.3899,
0.3599

289.9901, 0.3383,
0.3404

 6.0026, 0.4069,
0.3653

345.8254, 0.3368,

 2.8467, 0.4332,

0.3398

0.3724

408.4037, 0.3355,
0.3393

1.0522, 0.5118,
0.4079

0.0000, 1.0000,
0.0000

75.0558, 0.3530,
0.3465

75.0558, 0.3530,
0.3465

65.3725, 0.3772,
0.3552

85.9115, 0.3325,
0.3381

56.8114, 0.4055,
0.3637

97.9673, 0.3152,
0.3302

49.3335, 0.4377,
0.3714

99.9911, 0.3127,
0.3290

42.8935, 0.4732,
0.3772

■ 37.4428, 0.5103,
0.3801

■ 32.9283, 0.5460,
0.3787

■ 29.2910, 0.5767,
0.3724

■ 26.8473, 0.5971,
0.3641

Harmonies

Analogous

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



75.0558, 0.3471, 0.3295



75.0558, 0.3530, 0.3465



75.0558, 0.3477, 0.3597

Triad

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



75.0558, 0.3530, 0.3465



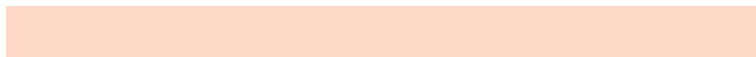
75.0558, 0.2935, 0.3458



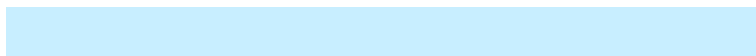
75.0558, 0.2921, 0.2951

Complementary

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



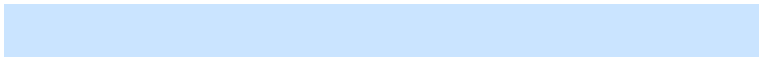
75.0558, 0.3530, 0.3465



80.5940, 0.2792, 0.3108

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.



75.0558, 0.2786, 0.2981



75.0558, 0.3530, 0.3465



75.0558, 0.2794, 0.3270

Square

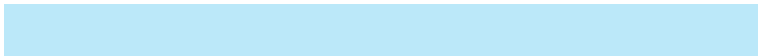
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0558, 0.3530, 0.3465



75.0558, 0.3130, 0.3599



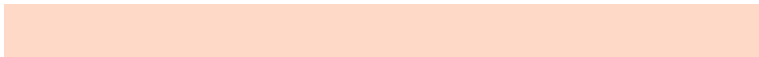
75.0558, 0.2740, 0.3095



75.0558, 0.3114, 0.3005

Rectangle

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



75.0558, 0.3530, 0.3465



75.0558, 0.3386, 0.3642



75.0558, 0.2740, 0.3095



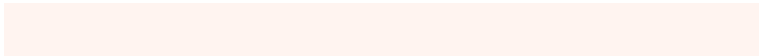
75.0558, 0.2867, 0.2951

Sweetspot

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



75.0592, 0.3530, 0.3465



92.5015, 0.3225, 0.3336



68.7539, 0.3271, 0.2906



19.6301, 0.3236, 0.3341



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.



75.0592, 0.3530, 0.3465



70.6455, 0.3633, 0.3503



90.0977, 0.3475, 0.3728



18.9054, 0.3287, 0.3364



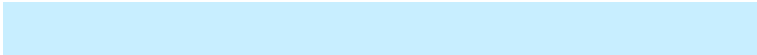
14.2659, 0.5941, 0.3665



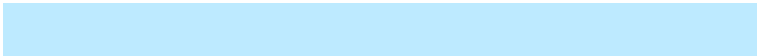
1.5735, 0.5720, 0.3840

Inverse Universe

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



80.5940, 0.2792, 0.3108



77.1019, 0.2724, 0.3066



66.0732, 0.2771, 0.2810



19.4755, 0.2980, 0.3215



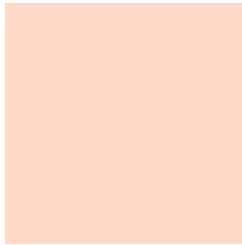
20.2662, 0.1956, 0.2243



2.1679, 0.1994, 0.2376

Previews

White Background



This preview shows how the Yxy color 75.0558, 0.3530, 0.3465 looks on a white background.

Color Contrast Check

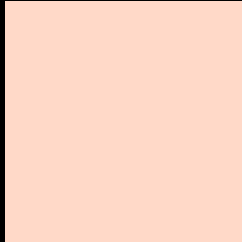
Large Text (above 18pt) WCAG AA × Fail

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 75.0558, 0.3530, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

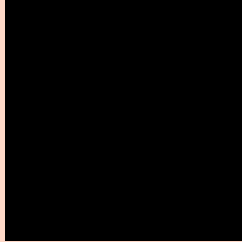
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

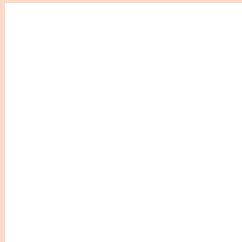
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0558, 0.3530, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 75.0558, 0.3530, 0.3465.

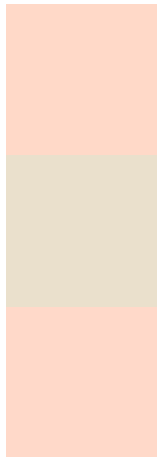


This preview shows how white text looks on a background with the Yxy color 75.0558, 0.3530, 0.3465.

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

75.0558, 0.3530, 0.3465

Protanopia

75.1634, 0.3332, 0.3504

Deuteranopia

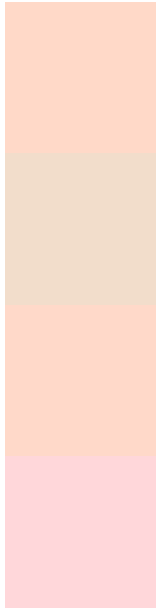
75.1028, 0.3523, 0.3454



Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

75.0558, 0.3530, 0.3465

Protanomaly

74.9019, 0.3403, 0.3480

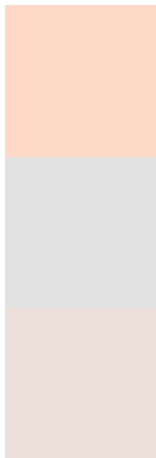
Deuteranomaly

75.1028, 0.3523, 0.3454

Tritanomaly

74.9228, 0.3403, 0.3261

Monochromacy



Original Color

75.0558, 0.3530, 0.3465

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7896, 0.3267, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0558, 0.3530, 0.3465 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, 217, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 200)  
}
```

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, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 200) }
```

Border

The CSS property to change the border of an element to Yxy 75.0558, 0.3530, 0.3465 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, 217, 200) }
```

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

```
.border{ border-color:rgb(255, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0558, 0.3530, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 200) }
```

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

```
.background{ background-color: rgb(255,  
217, 200) }
```

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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