

Converting Colors

$Y_{xy}(90.5910, 0.4055, 0.3409)$

Have a look what the booklet for
Yxy(90.5910, 0.4055, 0.3409)
contains.

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Color

Yxy(74.6360, 0.3518, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8CA
RGB	255, 216, 202
RGB Percent	100%, 85%, 79%
CMY	0.0000, 0.1529, 0.2079
CMYK	0.00, 0.15, 0.21, 0.00
HSL	16°, 100%, 90%
HSV	16°, 21%, 100%
XYZ	76.4617, 74.6360, 66.2465
YIQ	226.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

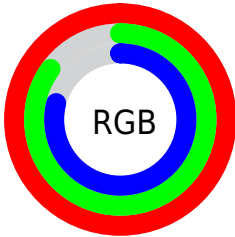
Format	Color
R _Y B	255, 221, 202
Decimal	16767178
CIE Lab	89.22, 11.48, 11.95
CIE LCh	89, 16.565, 46.148
Yxy	74.6360, 0.3518, 0.3434
Android (android.graphics.Color)	4294957258 (0xFFFFD8CA)
YUV	226.0650, -11.8640, 25.3760
Hunter-Lab	86.3921, 6.7959, 15.0102

Details

The Yxy color **74.6360, 0.3518, 0.3434** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6810, 0.2806, 0.3141**, and the grayscale version is **76.1729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6336, 0.3614, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **64.4545, 0.3764, 0.3508**, and if you desaturate by 10%, it is **86.1126, 0.3312, 0.3362**.

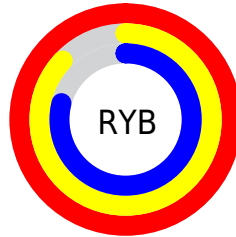
Distribution



Red (100%)

Green (85%)

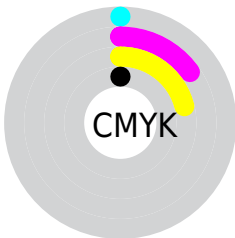
Blue (79%)



Red (100%)

Yellow (87%)

Blue (79%)

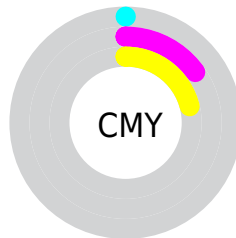


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6360, 0.3518, 0.3434 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 74.6360, 0.3518, 0.3434 by changing the saturation by 10% instead.


 74.6360, 0.3518,
0.3434

 74.6360, 0.3518,
0.3434


476.6655, 0.3336,
0.3371

 55.3147, 0.3560,
0.3448


125.7970, 0.3455,
0.3413

 39.6538, 0.3611,
0.3464

158.4055, 0.3430,
0.3404

 27.2687, 0.3676,
0.3485

196.2118, 0.3409,
0.3397

 17.7751, 0.3762,
0.3510

239.6005, 0.3391,
0.3390

 10.7887, 0.3878,
0.3542

288.9558, 0.3375,
0.3384

 5.9249, 0.4045,
0.3585

344.6621, 0.3361,

 2.7995, 0.4305,

0.3379

0.3640

407.1039, 0.3348,
0.3375

■ 1.0280, 0.5030,
0.3916

■ 0.0000, 1.0000,
0.0000

■ 74.6360, 0.3518,
0.3434

■ 74.6360, 0.3518,
0.3434

■ 64.4545, 0.3764,
0.3508

■ 86.1126, 0.3312,
0.3362

■ 55.5246, 0.4053,
0.3581

■ 98.9316, 0.3139,
0.3295

■ 47.7960, 0.4387,
0.3647

■ 100.0000, 0.3127,
0.3290

■ 41.2159, 0.4759,
0.3697

■ 35.7273, 0.5151,
0.3719

■ 31.2680, 0.5529,
0.3703

■ 27.7689, 0.5853,
0.3643

■ 25.3204, 0.6078,
0.3556

Harmonies

Analogous

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



74.6360, 0.3442, 0.3266



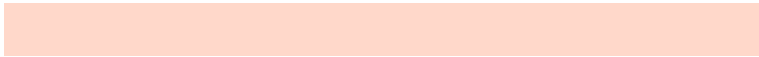
74.6360, 0.3518, 0.3434



74.6360, 0.3485, 0.3572

Triad

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



74.6360, 0.3518, 0.3434



74.6360, 0.2970, 0.3482



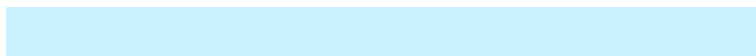
74.6360, 0.2898, 0.2958

Complementary

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



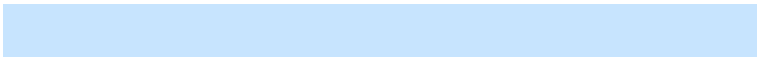
74.6360, 0.3518, 0.3434



82.6810, 0.2806, 0.3141

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.



74.6360, 0.2780, 0.3002



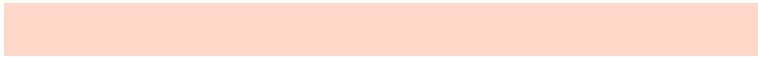
74.6360, 0.3518, 0.3434



74.6360, 0.2820, 0.3303

Square

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



74.6360, 0.3518, 0.3434



74.6360, 0.3165, 0.3607



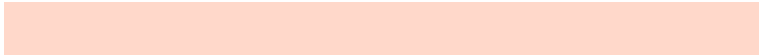
74.6360, 0.2752, 0.3126



74.6360, 0.3080, 0.2997

Rectangle

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



74.6360, 0.3518, 0.3434



74.6360, 0.3406, 0.3626



74.6360, 0.2752, 0.3126



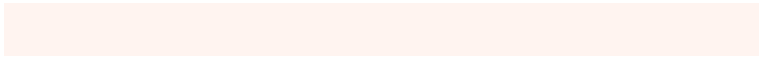
74.6360, 0.2850, 0.2963

Sweetspot

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



74.6350, 0.3518, 0.3434



92.0804, 0.3225, 0.3330



69.8923, 0.3245, 0.2895



19.5308, 0.3237, 0.3334



0.0000, 0.0000, 0.0000



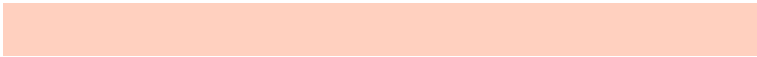
21.4041, 0.3127, 0.3290

Same Dimension

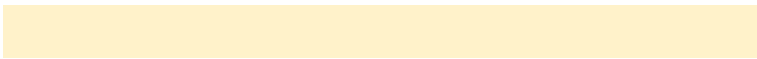
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6350, 0.3518, 0.3434



70.1914, 0.3616, 0.3465



88.8780, 0.3467, 0.3687



18.7676, 0.3288, 0.3353



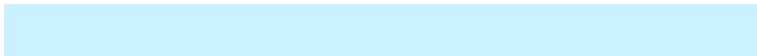
13.4364, 0.6049, 0.3579



1.4778, 0.5831, 0.3752

Inverse Universe

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



82.6810, 0.2806, 0.3141



79.5673, 0.2742, 0.3107



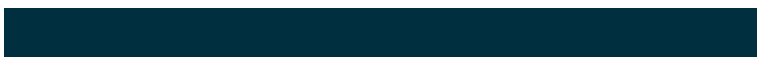
68.5000, 0.2787, 0.2859



19.6214, 0.2980, 0.3226



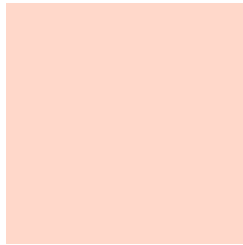
22.7371, 0.2002, 0.2407



2.3926, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 74.6360, 0.3518, 0.3434 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 74.6360, 0.3518, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

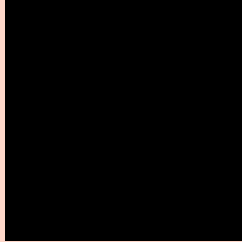
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6360, 0.3518, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 74.6360, 0.3518, 0.3434.

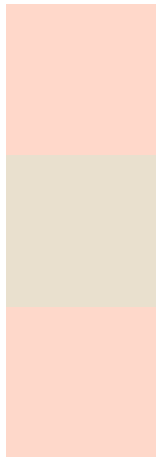


This preview shows how white text looks on a background with the Yxy color 74.6360, 0.3518, 0.3434.

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

74.6360, 0.3518, 0.3434

Protanopia

75.0912, 0.3311, 0.3483

Deuteranopia

74.4468, 0.3510, 0.3434



Tritanopia

74.4499, 0.3334, 0.3140

Trichromacy



Original Color

74.6360, 0.3518, 0.3434

Protanomaly

74.8215, 0.3382, 0.3459

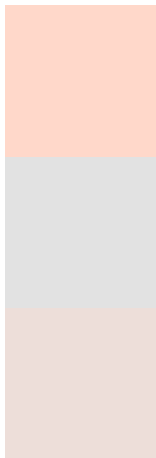
Deuteranomaly

74.4468, 0.3510, 0.3434

Tritanomaly

74.4676, 0.3397, 0.3240

Monochromacy



Original Color

74.6360, 0.3518, 0.3434

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2568, 0.3268, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6360, 0.3518, 0.3434 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, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 202)  
}
```

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, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 74.6360, 0.3518, 0.3434 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, 216, 202) }
```

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

```
.border{ border-color:rgb(255, 216, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6360, 0.3518, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 202) }
```

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

```
.background{ background-color: rgb(255,  
216, 202) }
```

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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