

Converting Colors

$Y_{xy}(80.8808, 0.4114, 0.3512)$

Have a look what the booklet for
Yxy(80.8808, 0.4114, 0.3512)
contains.

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Color

Yxy(69.2630, 0.3690, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFB6
RGB	255, 207, 182
RGB Percent	100%, 81%, 71%
CMY	0.0001, 0.1882, 0.2861
CMYK	0.00, 0.19, 0.29, 0.00
HSL	21°, 100%, 86%
HSV	21°, 29%, 100%
XYZ	71.9945, 69.2630, 53.8495
YIQ	218.5020, 36.6330, 2.4010

Conversions

Conversions Part 2

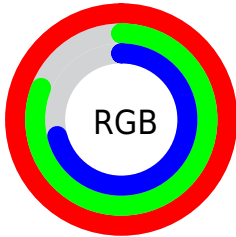
Format	Color
R_{YB}	255, 220, 182
Decimal	16764854
CIE _{Lab}	86.63, 13.39, 18.79
CIE _{LCh}	87, 23.077, 54.523
Yxy	69.2630, 0.3690, 0.3550
Android (android.graphics.Color)	4294954934 (0xFFFFCFB6)
YUV	218.5020, -17.9955, 32.0087
Hunter-Lab	83.2244, 8.7714, 19.8941

Details

The Yxy color **69.2630, 0.3690, 0.3550** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7675, 0.2682, 0.3014**, and the grayscale version is **70.5860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **36.2378, 0.3824, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **60.6068, 0.3954, 0.3645**, and if you desaturate by 10%, it is **78.9806, 0.3463, 0.3455**.

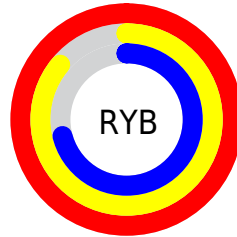
Distribution



Red (100%)

Green (81%)

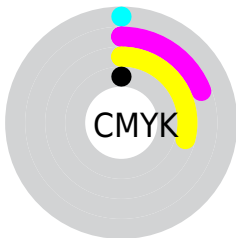
Blue (71%)



Red (100%)

Yellow (86%)

Blue (71%)

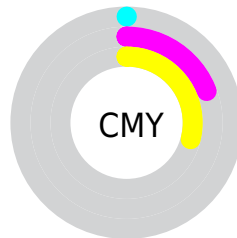


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2630, 0.3690, 0.3550 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 69.2630, 0.3690, 0.3550 by changing the saturation by 10% instead.

 69.2630, 0.3690,
0.3550

 69.2630, 0.3690,
0.3550

457.9580, 0.3425,
0.3435

 50.9259, 0.3751,
0.3575

 118.1571, 0.3597,
0.3511

 36.1497, 0.3827,
0.3605

149.4830, 0.3562,
0.3496

 24.5498, 0.3924,
0.3641


185.9072, 0.3531,
0.3482

 15.7420, 0.4052,
0.3686

227.8143, 0.3504,
0.3470

 9.3417, 0.4225,
0.3743

275.5884, 0.3481,
0.3460

 4.9648, 0.4475,
0.3813

329.6142, 0.3460,

 2.2266, 0.4879,

0.3451

0.3908

390.2759, 0.3442,
0.3442

0.7344, 0.5858,
0.4142

0.0000, 0.0000,
0.0000

69.2630, 0.3690,
0.3550

69.2630, 0.3690,
0.3550

60.6068, 0.3954,
0.3645

78.9806, 0.3463,
0.3455

52.9651, 0.4255,
0.3734

89.7851, 0.3270,
0.3364

46.3015, 0.4589,
0.3807

99.9968, 0.3127,
0.3290

40.5736, 0.4943,
0.3853

■ 35.7353, 0.5292,
0.3858

■ 31.7357, 0.5606,
0.3814

■ 28.5142, 0.5856,
0.3721

■ 28.1209, 0.5888,
0.3707

Harmonies

Analogous

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



69.2630, 0.3624, 0.3318



69.2630, 0.3690, 0.3550



69.2630, 0.3597, 0.3728

Triad

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



69.2630, 0.3690, 0.3550



69.2630, 0.2833, 0.3498



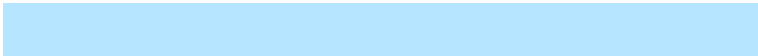
69.2630, 0.2865, 0.2827

Complementary

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



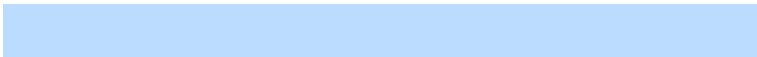
69.2630, 0.3690, 0.3550



73.7675, 0.2682, 0.3014

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.



69.2630, 0.2670, 0.2852



69.2630, 0.3690, 0.3550



69.2630, 0.2653, 0.3229

Square

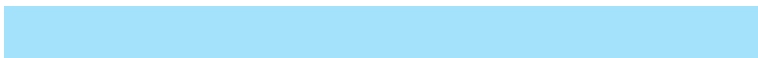
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2630, 0.3690, 0.3550



69.2630, 0.3097, 0.3712



69.2630, 0.2595, 0.2993



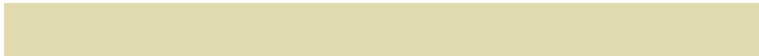
69.2630, 0.3138, 0.2914

Rectangle

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



69.2630, 0.3690, 0.3550



69.2630, 0.3461, 0.3788



69.2630, 0.2595, 0.2993



69.2630, 0.2789, 0.2822

Sweetspot

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



69.2662, 0.3690, 0.3550



89.3545, 0.3277, 0.3367



60.4785, 0.3349, 0.2799



18.7756, 0.3303, 0.3380



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.



69.2662, 0.3690, 0.3550



64.4782, 0.3828, 0.3602



88.6324, 0.3592, 0.3898



19.0036, 0.3286, 0.3372



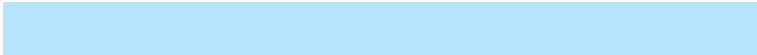
14.9441, 0.5858, 0.3731



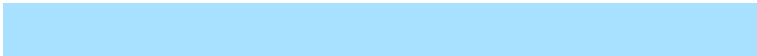
1.6488, 0.5640, 0.3904

Inverse Universe

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



73.7675, 0.2682, 0.3014



69.6004, 0.2600, 0.2953



55.8386, 0.2638, 0.2598



19.3727, 0.2980, 0.3207



18.6369, 0.1924, 0.2126



2.0179, 0.1965, 0.2274

Previews

White Background



This preview shows how the Yxy color 69.2630, 0.3690, 0.3550 looks on a white background.

Color Contrast Check

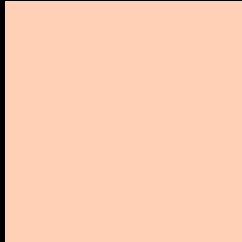
Large Text (above 18pt) WCAG AA × Fail

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 69.2630, 0.3690, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

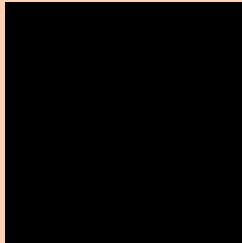
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2630, 0.3690, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 69.2630, 0.3690, 0.3550.



This preview shows how white text looks on a background with the Yxy color 69.2630, 0.3690, 0.3550.

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

69.2630, 0.3690, 0.3550

Protanopia

69.7075, 0.3417, 0.3621

Deuteranopia

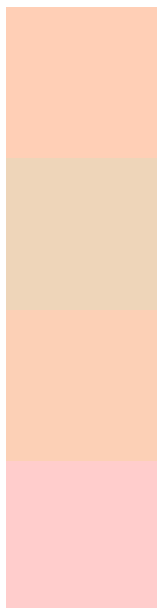
69.4876, 0.3653, 0.3574



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.2630, 0.3690, 0.3550

Protanomaly

69.2684, 0.3518, 0.3593

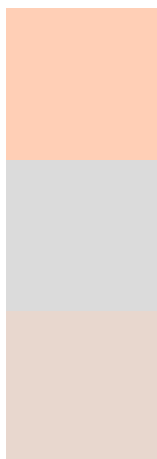
Deuteranomaly

69.1846, 0.3664, 0.3563

Tritanomaly

69.2823, 0.3525, 0.3301

Monochromacy



Original Color

69.2630, 0.3690, 0.3550

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2129, 0.3316, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2630, 0.3690, 0.3550 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, 207, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 182)  
}
```

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, 207, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 182) }
```

Border

The CSS property to change the border of an element to Yxy 69.2630, 0.3690, 0.3550 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, 207, 182) }
```

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

```
.border{ border-color:rgb(255, 207, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2630, 0.3690, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 182) }
```

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

```
.background{ background-color: rgb(255,  
207, 182) }
```

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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