

Converting Colors

$Yxy(69.8301, 0.3687, 0.3562)$

Have a look what the booklet for
Yxy(69.8301, 0.3687, 0.3562)
contains.

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Color

Yxy(69.7491, 0.3688, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0B6
RGB	255, 208, 182
RGB Percent	100%, 82%, 71%
CMY	0.0000, 0.1844, 0.2862
CMYK	0.00, 0.18, 0.29, 0.00
HSL	21°, 100%, 86%
HSV	21°, 29%, 100%
XYZ	72.2569, 69.7491, 53.9184
YIQ	219.0890, 36.3580, 1.8780

Conversions

Conversions Part 2

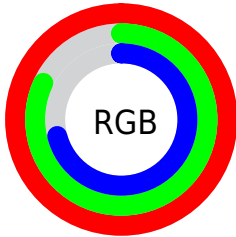
Format	Color
R _Y B	255, 222, 182
Decimal	16765110
CIE Lab	86.87, 12.91, 19.14
CIE LCh	87, 23.088, 55.990
Yxy	69.7491, 0.3688, 0.3560
Android (android.graphics.Color)	4294955190 (0xFFFFD0B6)
YUV	219.0890, -18.2849, 31.4939
Hunter-Lab	83.5159, 8.2831, 20.1832

Details

The Yxy color **69.7491, 0.3688, 0.3560** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.2248, 0.2680, 0.3002**, and the grayscale version is **71.0062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **36.5665, 0.3820, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **61.1815, 0.3949, 0.3659**, and if you desaturate by 10%, it is **79.3220, 0.3462, 0.3462**.

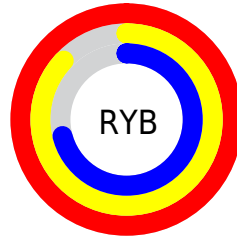
Distribution



Red (100%)

Green (82%)

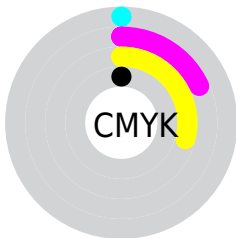
Blue (71%)



Red (100%)

Yellow (87%)

Blue (71%)

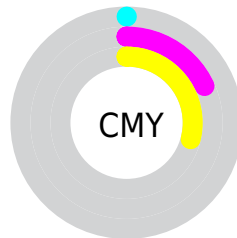


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7491, 0.3688, 0.3560 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 69.7491, 0.3688, 0.3560 by changing the saturation by 10% instead.


 69.7491, 0.3688,
0.3560

 69.7491, 0.3688,
0.3560


459.6686, 0.3424,
0.3440

 51.3220, 0.3749,
0.3586


 118.8509, 0.3596,
0.3520

 36.4649, 0.3824,
0.3617


150.2944, 0.3560,
0.3503

 24.7935, 0.3921,
0.3655


186.8455, 0.3530,
0.3489

 15.9233, 0.4047,
0.3702

228.8885, 0.3503,
0.3477

 9.4699, 0.4218,
0.3762

276.8080, 0.3480,
0.3466

 5.0489, 0.4465,
0.3836

330.9882, 0.3459,

 2.2760, 0.4860,

0.3457

0.3936

391.8136, 0.3441,
0.3448

0.7610, 0.5808,
0.4192

0.0000, 0.0000,
0.0000

69.7491, 0.3688,
0.3560

69.7491, 0.3688,
0.3560

61.1815, 0.3949,
0.3659

79.3220, 0.3462,
0.3462

53.6082, 0.4246,
0.3751

89.9585, 0.3270,
0.3367

46.9832, 0.4575,
0.3827

100.0000, 0.3127,
0.3290

41.2660, 0.4922,
0.3876

■ 36.4127, 0.5265,
0.3884

■ 32.3747, 0.5573,
0.3841

■ 29.0941, 0.5821,
0.3749

■ 28.6947, 0.5852,
0.3735

Harmonies

Analogous

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



69.7491, 0.3630, 0.3330



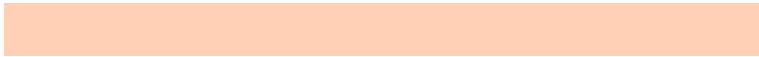
69.7491, 0.3688, 0.3560



69.7491, 0.3588, 0.3734

Triad

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



69.7491, 0.3688, 0.3560



69.7491, 0.2823, 0.3485



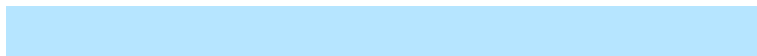
69.7491, 0.2877, 0.2829

Complementary

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



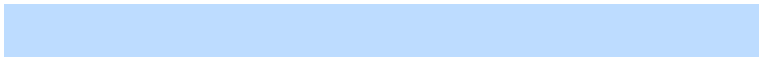
69.7491, 0.3688, 0.3560



73.2248, 0.2680, 0.3002

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.



69.7491, 0.2678, 0.2849



69.7491, 0.3688, 0.3560



69.7491, 0.2648, 0.3216

Square

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



69.7491, 0.3688, 0.3560



69.7491, 0.3083, 0.3703



69.7491, 0.2596, 0.2985



69.7491, 0.3152, 0.2921

Rectangle

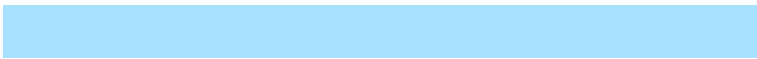
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7491, 0.3688, 0.3560



69.7491, 0.3449, 0.3789



69.7491, 0.2596, 0.2985



69.7491, 0.2800, 0.2823

Sweetspot

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



69.7409, 0.3687, 0.3560



89.5358, 0.3276, 0.3370



60.4052, 0.3359, 0.2811



18.8201, 0.3303, 0.3384



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.



69.7409, 0.3687, 0.3560



65.0121, 0.3824, 0.3613



89.3710, 0.3589, 0.3909



19.0444, 0.3285, 0.3375



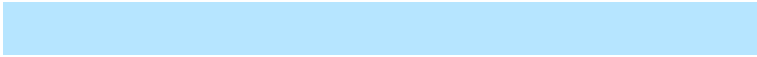
15.2480, 0.5822, 0.3759



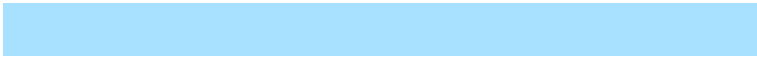
1.6818, 0.5606, 0.3931

Inverse Universe

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



73.2248, 0.2680, 0.3002



68.9723, 0.2598, 0.2939



55.2910, 0.2636, 0.2584



19.3303, 0.2980, 0.3203



17.9904, 0.1911, 0.2078



1.9580, 0.1953, 0.2232

Previews

White Background



This preview shows how the Yxy color 69.7491, 0.3688, 0.3560 looks on a white background.

Color Contrast Check

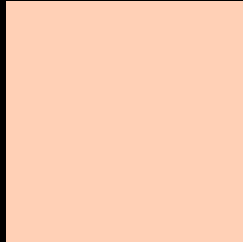
Large Text (above 18pt) WCAG AA × Fail

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 69.7491, 0.3688, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

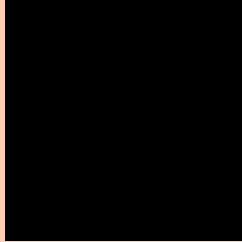
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7491, 0.3688, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 69.7491, 0.3688, 0.3560.



This preview shows how white text looks on a background with the Yxy color 69.7491, 0.3688, 0.3560.

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

69.7491, 0.3688, 0.3560

Protanopia

69.8716, 0.3425, 0.3621

Deuteranopia

69.4876, 0.3653, 0.3574



Tritanopia

69.5077, 0.3419, 0.3149

Trichromacy



Original Color

69.7491, 0.3688, 0.3560

Protanomaly

69.7731, 0.3515, 0.3604

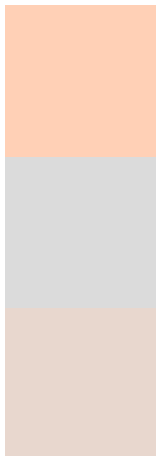
Deuteranomaly

69.6738, 0.3661, 0.3573

Tritanomaly

69.3304, 0.3517, 0.3291

Monochromacy



Original Color

69.7491, 0.3688, 0.3560

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 69.7491, 0.3688, 0.3560 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, 208, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 182) }
```

Border

The CSS property to change the border of an element to Yxy 69.7491, 0.3688, 0.3560 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, 208, 182) }
```

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

```
.border{ border-color:rgb(255, 208, 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, 208, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7491, 0.3688, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 182) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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