

Converting Colors

$Yxy(68.0168, 0.3666, 0.3477)$

Have a look what the booklet for
Yxy(68.0168, 0.3666, 0.3477)
contains.

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Color

Yxy(67.9909, 0.3668, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCBA
RGB	255, 204, 186
RGB Percent	100%, 80%, 73%
CMY	0.0000, 0.2000, 0.2706
CMYK	0.00, 0.20, 0.27, 0.00
HSL	16°, 100%, 86%
HSV	16°, 27%, 100%
XYZ	71.7052, 67.9909, 55.7924
YIQ	217.1970, 36.1740, 5.2140

Conversions

Conversions Part 2

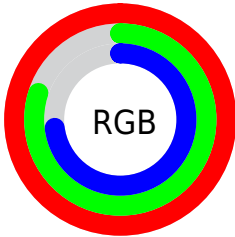
Format	Color
R _Y B	255, 210, 186
Decimal	16764090
CIE Lab	86.00, 15.51, 15.82
CIE LCh	86, 22.155, 45.578
Yxy	67.9909, 0.3668, 0.3478
Android (android.graphics.Color)	4294954170 (0xFFFFCCBA)
YUV	217.1970, -15.3801, 33.1532
Hunter-Lab	82.4566, 10.9266, 17.6024

Details

The Yxy color $67.9909, 0.3668, 0.3478$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.2252, 0.2712, 0.3093$, and the grayscale version is $69.6140, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.1908, 0.3203, 0.3415$, and $35.3765, 0.3796, 0.3518$ is the 20% darker color. If you saturate the color by 10%, you get $58.5735, 0.3941, 0.3551$, and if you desaturate by 10%, it is $78.6778, 0.3437, 0.3405$.

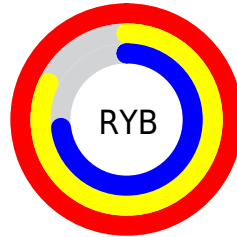
Distribution



Red (100%)

Green (80%)

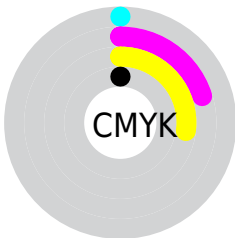
Blue (73%)



Red (100%)

Yellow (82%)

Blue (73%)

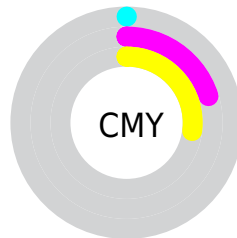


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9909, 0.3668, 0.3478 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 67.9909, 0.3668, 0.3478 by changing the saturation by 10% instead.

 67.9909, 0.3668,
0.3478

 67.9909, 0.3668,
0.3478


453.4638, 0.3412,
0.3396

 49.8903, 0.3728,
0.3496


 116.3391, 0.3578,
0.3450

 35.3263, 0.3802,
0.3516


147.3556, 0.3544,
0.3439

 23.9143, 0.3897,
0.3542


183.4461, 0.3514,
0.3430

 15.2701, 0.4022,
0.3573

224.9951, 0.3488,
0.3421

 9.0091, 0.4194,
0.3610

272.3870, 0.3466,
0.3414

 4.7471, 0.4445,
0.3655

326.0061, 0.3446,

 2.0997, 0.4846,

0.3407

0.3703

386.2369, 0.3428,
0.3401

0.6644, 0.6059,
0.3941

0.0000, 0.0000,
0.0000

67.9909, 0.3668,
0.3478

67.9909, 0.3668,
0.3478

58.5735, 0.3941,
0.3551

78.6778, 0.3437,
0.3405

50.3892, 0.4260,
0.3620

90.6928, 0.3244,
0.3336

43.3818, 0.4620,
0.3676

100.0000, 0.3127,
0.3290

37.4953, 0.5009,
0.3709

■ 32.6689, 0.5399,
0.3708

■ 28.8355, 0.5749,
0.3664

■ 25.9184, 0.6019,
0.3578

■ 25.2174, 0.6085,
0.3550

Harmonies

Analogous

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



67.9909, 0.3560, 0.3249



67.9909, 0.3668, 0.3478



67.9909, 0.3623, 0.3672

Triad

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



67.9909, 0.3668, 0.3478



67.9909, 0.2914, 0.3562



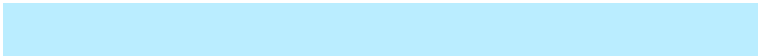
67.9909, 0.2807, 0.2837

Complementary

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



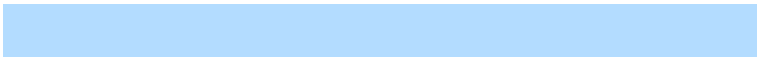
67.9909, 0.3668, 0.3478



78.2252, 0.2712, 0.3093

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.



67.9909, 0.2650, 0.2896



67.9909, 0.3668, 0.3478



67.9909, 0.2709, 0.3309

Square

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



67.9909, 0.3668, 0.3478



67.9909, 0.3181, 0.3736



67.9909, 0.2615, 0.3064



67.9909, 0.3055, 0.2890

Rectangle

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



67.9909, 0.3668, 0.3478



67.9909, 0.3514, 0.3752



67.9909, 0.2615, 0.3064



67.9909, 0.2743, 0.2844

Sweetspot

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



67.9868, 0.3668, 0.3478



89.5091, 0.3261, 0.3342



62.5320, 0.3289, 0.2772



18.7573, 0.3288, 0.3353



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.



67.9868, 0.3668, 0.3478



63.1824, 0.3797, 0.3514



85.8070, 0.3580, 0.3811



18.7573, 0.3288, 0.3353



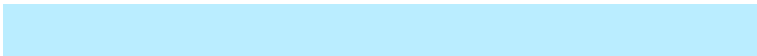
13.3806, 0.6057, 0.3573



1.4711, 0.5839, 0.3746

Inverse Universe

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



78.2252, 0.2712, 0.3093



74.8327, 0.2639, 0.3052



60.4845, 0.2674, 0.2708



19.6323, 0.2980, 0.3227



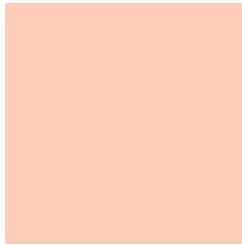
22.9289, 0.2005, 0.2419



2.4100, 0.2036, 0.2530

Previews

White Background



This preview shows how the Yxy color 67.9909, 0.3668, 0.3478 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 67.9909, 0.3668, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

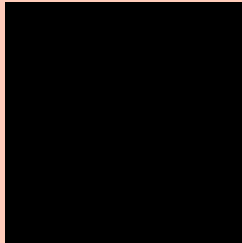
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9909, 0.3668, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 67.9909, 0.3668, 0.3478.



This preview shows how white text looks on a background with the Yxy color 67.9909, 0.3668, 0.3478.

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

67.9909, 0.3668, 0.3478

Protanopia

68.3700, 0.3369, 0.3557

Deuteranopia

67.9026, 0.3603, 0.3524



Tritanopia

67.9396, 0.3447, 0.3148

Trichromacy



Original Color

67.9909, 0.3668, 0.3478

Protanomaly

68.0955, 0.3477, 0.3530

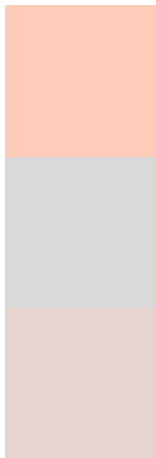
Deuteranomaly

67.9694, 0.3630, 0.3512

Tritanomaly

67.8607, 0.3531, 0.3271

Monochromacy



Original Color

67.9909, 0.3668, 0.3478

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.5321, 0.3312, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9909, 0.3668, 0.3478 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, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 186)  
}
```

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, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 186) }
```

Border

The CSS property to change the border of an element to Yxy 67.9909, 0.3668, 0.3478 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, 204, 186) }
```

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

```
.border{ border-color:rgb(255, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9909, 0.3668, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 186) }
```

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

```
.background{ background-color: rgb(255,  
204, 186) }
```

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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