

Converting Colors

$Yxy(68.2561, 0.3785, 0.3488)$

Have a look what the booklet for
Yxy(68.2561, 0.3785, 0.3488)
contains.

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Color

Yxy(66.4107, 0.3708, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B6
RGB	255, 201, 182
RGB Percent	100%, 79%, 71%
CMY	0.0000, 0.2118, 0.2863
CMYK	0.00, 0.21, 0.29, 0.00
HSL	16°, 100%, 86%
HSV	16°, 29%, 100%
XYZ	70.5792, 66.4107, 53.3532
YIQ	214.9800, 38.2830, 5.5390

Conversions

Conversions Part 2

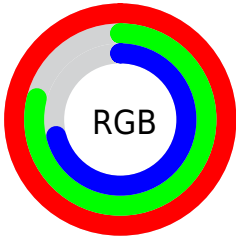
Format	Color
R _Y B	255, 208, 182
Decimal	16763318
CIE Lab	85.21, 16.54, 16.82
CIE LCh	85, 23.591, 45.467
Yxy	66.4107, 0.3708, 0.3489
Android (android.graphics.Color)	4294953398 (0xFFFFC9B6)
YUV	214.9800, -16.2591, 35.0975
Hunter-Lab	81.4928, 11.9829, 18.2279

Details

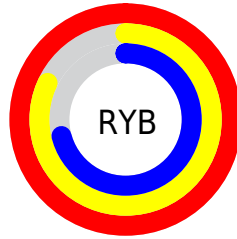
The Yxy color **66.4107, 0.3708, 0.3489** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1594, 0.2689, 0.3081**, and the grayscale version is **68.0295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **34.3227, 0.3851, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **57.1854, 0.3988, 0.3562**, and if you desaturate by 10%, it is **76.9014, 0.3470, 0.3416**.

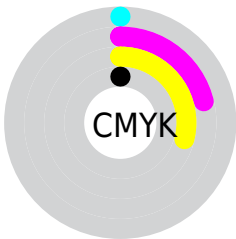
Distribution



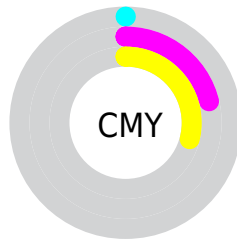
- Red (100%)
- Green (79%)
- Blue (71%)



- Red (100%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4107, 0.3708, 0.3489 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 66.4107, 0.3708, 0.3489 by changing the saturation by 10% instead.


 66.4107, 0.3708,
0.3489

 66.4107, 0.3708,
0.3489


447.8443, 0.3432,
0.3402

 48.6059, 0.3773,
0.3507


 114.0756, 0.3611,
0.3460

 34.3069, 0.3853,
0.3529


144.7045, 0.3574,
0.3448

 23.1295, 0.3956,
0.3556


180.3768, 0.3542,
0.3438

 14.6892, 0.4092,
0.3587

221.4770, 0.3514,
0.3429

 8.6015, 0.4280,
0.3625

268.3894, 0.3490,
0.3421

 4.4822, 0.4555,
0.3669

321.4985, 0.3468,

 1.9468, 0.5016,


0.3414


0.3726


381.1887, 0.3449,
0.3408


 0.5763, 0.6240,
0.3760


 0.0000, 0.0000,
0.0000

 66.4107, 0.3708,
0.3489

 66.4107, 0.3708,
0.3489

 57.1854, 0.3988,
0.3562


 76.9014, 0.3470,
0.3416

 49.1863, 0.4314,
0.3629

 88.7142, 0.3272,
0.3347

 42.3572, 0.4681,
0.3682

100.0000, 0.3127,
0.3290

 36.6414, 0.5072,
0.3710

■ 31.9770, 0.5459,
0.3703

■ 28.2956, 0.5799,
0.3652

■ 25.5160, 0.6056,
0.3562

■ 25.1972, 0.6086,
0.3549

Harmonies

Analogous

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



66.4107, 0.3591, 0.3244



66.4107, 0.3708, 0.3489



66.4107, 0.3659, 0.3697

Triad

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



66.4107, 0.3708, 0.3489



66.4107, 0.2899, 0.3583



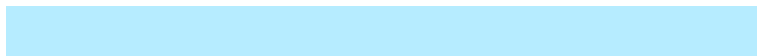
66.4107, 0.2784, 0.2805

Complementary

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



66.4107, 0.3708, 0.3489



77.1594, 0.2689, 0.3081

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.



66.4107, 0.2616, 0.2868



66.4107, 0.3708, 0.3489



66.4107, 0.2680, 0.3311

Square

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



66.4107, 0.3708, 0.3489



66.4107, 0.3185, 0.3770



66.4107, 0.2579, 0.3048



66.4107, 0.3048, 0.2862

Rectangle

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



66.4107, 0.3708, 0.3489



66.4107, 0.3543, 0.3786



66.4107, 0.2579, 0.3048



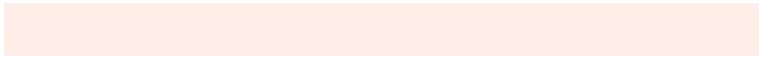
66.4107, 0.2715, 0.2813

Sweetspot

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



66.4073, 0.3708, 0.3489



88.2505, 0.3279, 0.3349



60.8153, 0.3300, 0.2741



18.5050, 0.3306, 0.3359



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.



66.4073, 0.3708, 0.3489



61.2981, 0.3853, 0.3528



85.0609, 0.3608, 0.3842



18.7553, 0.3288, 0.3353



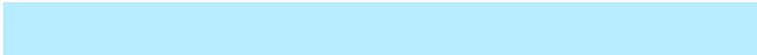
13.3696, 0.6058, 0.3572



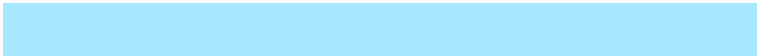
1.4698, 0.5840, 0.3745

Inverse Universe

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



77.1594, 0.2689, 0.3081



73.5401, 0.2611, 0.3036



58.5890, 0.2645, 0.2669



19.6344, 0.2980, 0.3227



22.9670, 0.2006, 0.2421



2.4134, 0.2037, 0.2532

Previews

White Background



This preview shows how the Yxy color 66.4107, 0.3708, 0.3489 looks on a white background.

Color Contrast Check

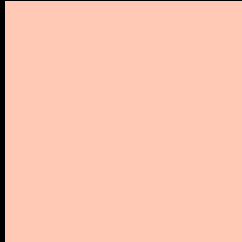
Large Text (above 18pt) WCAG AA × Fail

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 66.4107, 0.3708, 0.3489 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 66.4107, 0.3708, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 66.4107, 0.3708, 0.3489.



This preview shows how white text looks on a background with the Yxy color 66.4107, 0.3708, 0.3489.

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

66.4107, 0.3708, 0.3489

Protanopia

66.9073, 0.3379, 0.3571

Deuteranopia

66.4113, 0.3623, 0.3548



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.4107, 0.3708, 0.3489

Protanomaly

66.8083, 0.3495, 0.3542

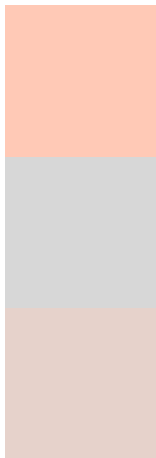
Deuteranomaly

66.6617, 0.3658, 0.3534

Tritanomaly

66.3239, 0.3561, 0.3271

Monochromacy



Original Color

66.4107, 0.3708, 0.3489

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2280, 0.3329, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4107, 0.3708, 0.3489 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, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 182) }
```

Border

The CSS property to change the border of an element to Yxy 66.4107, 0.3708, 0.3489 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, 201, 182) }
```

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

```
.border{ border-color:rgb(255, 201, 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, 201, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 182); box-shadow:4px 4px 4px 4px rgb(255, 201, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4107, 0.3708, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 182) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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