

Converting Colors

Yxy(67.3785, 0.3447, 0.3133)

Have a look what the booklet for
Yxy(67.3785, 0.3447, 0.3133)
contains.

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Color

Yxy(67.4748, 0.3449, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8D7
RGB	255, 200, 215
RGB Percent	100%, 78%, 84%
CMY	0.0000, 0.2157, 0.1570
CMYK	0.00, 0.22, 0.16, 0.00
HSL	344°, 100%, 89%
HSV	344°, 22%, 100%
XYZ	74.1621, 67.4748, 73.3880
YIQ	218.1550, 27.9650, 16.3250

Conversions

Conversions Part 2

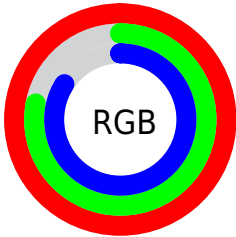
Format	Color
R_{YB}	255, 200, 215
Decimal	16763095
CIE _{Lab}	85.74, 21.76, 0.06
CIE _{LCh}	86, 21.763, 0.169
Yxy	67.4748, 0.3449, 0.3138
Android (android.graphics.Color)	4294953175 (0xFFFFC8D7)
YUV	218.1550, -1.5554, 32.3131
Hunter-Lab	82.1430, 17.4067, 4.5294

Details

The Yxy color **67.4748, 0.3449, 0.3138** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.0924, 0.2882, 0.3448**, and the grayscale version is **70.2179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1016, 0.3534, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **55.7310, 0.3654, 0.3063**, and if you desaturate by 10%, it is **81.2959, 0.3282, 0.3211**.

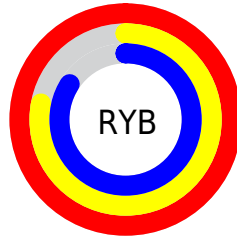
Distribution



Red (100%)

Green (78%)

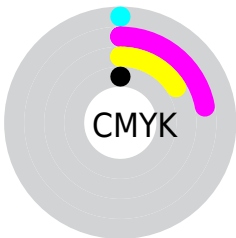
Blue (84%)



Red (100%)

Yellow (78%)

Blue (84%)

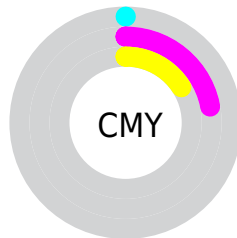


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4748, 0.3449, 0.3138 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 67.4748, 0.3449, 0.3138 by changing the saturation by 10% instead.


 67.4748, 0.3449,
0.3138

 67.4748, 0.3449,
0.3138

451.6330, 0.3298,
0.3210

 49.4706, 0.3484,
0.3121


115.6005, 0.3396,
0.3163

 34.9929, 0.3528,
0.3101


146.4907, 0.3376,
0.3173

 23.6574, 0.3583,
0.3074


182.4451, 0.3358,
0.3181

 15.0797, 0.3657,
0.3039

223.8481, 0.3343,
0.3188

 8.8753, 0.3759,
0.2991

271.0839, 0.3330,
0.3195

 4.6600, 0.3909,
0.2920


324.5371, 0.3318,

 2.0492, 0.4151,


0.3200


0.2805


384.5920, 0.3307,
0.3205


 0.6358, 0.4694,
0.2549


 0.0000, 1.0000,
0.0000


 67.4748, 0.3449,
0.3138


 67.4748, 0.3449,
0.3138


 55.7310, 0.3654,
0.3063


 81.2959, 0.3282,
0.3211

 45.9642, 0.3904,
0.2990

 97.2895, 0.3146,
0.3280

 38.0645, 0.4201,
0.2925

 100.0000, 0.3127,
0.3290

 31.9113, 0.4544,
0.2877

■ 27.3697, 0.4920,
0.2858

■ 24.2852, 0.5304,
0.2879

■ 22.4720, 0.5656,
0.2945

■ 21.6950, 0.5905,
0.3027

Harmonies

Analogous

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



67.4748, 0.3189, 0.2957



67.4748, 0.3449, 0.3138



67.4748, 0.3623, 0.3361

Triad

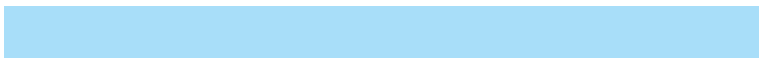
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4748, 0.3449, 0.3138



67.4748, 0.3318, 0.3765



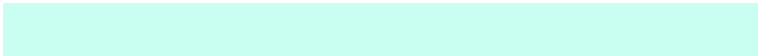
67.4748, 0.2623, 0.2975

Complementary

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



67.4748, 0.3449, 0.3138



90.0924, 0.2882, 0.3448

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.



67.4748, 0.2655, 0.3186



67.4748, 0.3449, 0.3138



67.4748, 0.3048, 0.3660

Square

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



67.4748, 0.3449, 0.3138



67.4748, 0.3543, 0.3729



67.4748, 0.2808, 0.3441



67.4748, 0.2719, 0.2859

Rectangle

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



67.4748, 0.3449, 0.3138



67.4748, 0.3663, 0.3508



67.4748, 0.2808, 0.3441



67.4748, 0.2620, 0.3036

Sweetspot

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



67.4744, 0.3449, 0.3138



89.9272, 0.3203, 0.3250



66.9528, 0.3038, 0.2733



19.0238, 0.3211, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

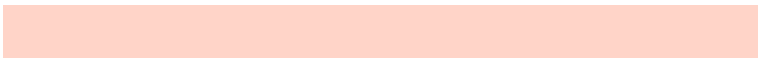
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4744, 0.3449, 0.3138



62.0191, 0.3535, 0.3105



72.4762, 0.3541, 0.3413



18.0683, 0.3251, 0.3226



11.3574, 0.5864, 0.3004



1.1232, 0.5545, 0.2828

Inverse Universe

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



67.4744, 0.3449, 0.3138



62.0191, 0.3535, 0.3105



83.6509, 0.2796, 0.3163



18.0683, 0.3251, 0.3226



11.3574, 0.5864, 0.3004



1.1232, 0.5545, 0.2828

Previews

White Background



This preview shows how the Yxy color 67.4748, 0.3449, 0.3138 looks on a white background.

Color Contrast Check

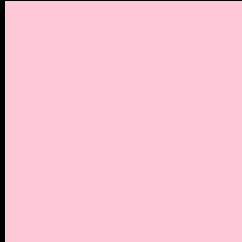
Large Text (above 18pt) WCAG AA × Fail

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 67.4748, 0.3449, 0.3138 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 67.4748, 0.3449, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 67.4748, 0.3449, 0.3138.



This preview shows how white text looks on a background with the Yxy color 67.4748, 0.3449, 0.3138.

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

67.4748, 0.3449, 0.3138

Protanopia

67.5151, 0.3081, 0.3180

Deuteranopia

67.7997, 0.3297, 0.3226



Tritanopia

67.4748, 0.3449, 0.3138

Trichromacy



Original Color

67.4748, 0.3449, 0.3138

Protanomaly

67.1021, 0.3208, 0.3161

Deuteranomaly

67.5724, 0.3355, 0.3196

Tritanomaly

67.4748, 0.3449, 0.3138

Monochromacy



Original Color

67.4748, 0.3449, 0.3138

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.5872, 0.3235, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4748, 0.3449, 0.3138 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, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 215)  
}
```

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, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 215) }
```

Border

The CSS property to change the border of an element to Yxy 67.4748, 0.3449, 0.3138 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, 200, 215) }
```

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

```
.border{ border-color:rgb(255, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4748, 0.3449, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 215) }
```

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

```
.background{ background-color: rgb(255,  
200, 215) }
```

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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