

Converting Colors

$Yxy(80.2153, 0.3996, 0.3376)$

Have a look what the booklet for
Yxy(80.2153, 0.3996, 0.3376)
contains.

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Color

Yxy(68.9082, 0.3587, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC4
RGB	255, 205, 196
RGB Percent	100%, 80%, 77%
CMY	0.0000, 0.1961, 0.2313
CMYK	0.00, 0.20, 0.23, 0.00
HSL	9°, 100%, 88%
HSV	9°, 23%, 100%
XYZ	73.0419, 68.9082, 61.6794
YIQ	218.9240, 32.6890, 7.8010

Conversions

Conversions Part 2

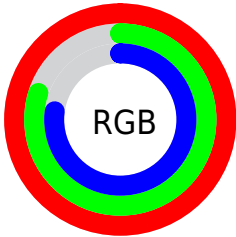
Format	Color
R _Y B	255, 207, 196
Decimal	16764356
CIE Lab	86.46, 16.35, 11.17
CIE LCh	86, 19.800, 34.337
Yxy	68.9082, 0.3587, 0.3384
Android (android.graphics.Color)	4294954436 (0xFFFFCDC4)
YUV	218.9240, -11.3015, 31.6387
Hunter-Lab	83.0110, 11.7941, 14.0536

Details

The Yxy color **68.9082, 0.3587, 0.3384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.8752, 0.2776, 0.3194**, and the grayscale version is **70.8441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **35.9565, 0.3698, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **58.2064, 0.3860, 0.3427**, and if you desaturate by 10%, it is **81.2334, 0.3362, 0.3342**.

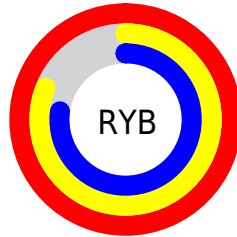
Distribution



Red (100%)

Green (80%)

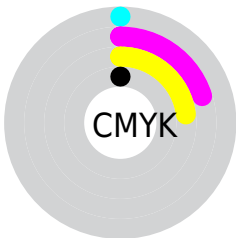
Blue (77%)



Red (100%)

Yellow (81%)

Blue (77%)

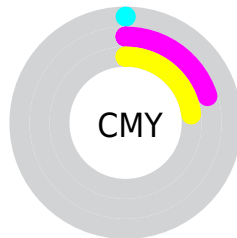


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9082, 0.3587, 0.3384 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 68.9082, 0.3587, 0.3384 by changing the saturation by 10% instead.


 68.9082, 0.3587,
0.3384

 68.9082, 0.3587,
0.3384

456.7071, 0.3370,
0.3344

 50.6370, 0.3637,
0.3392


117.6504, 0.3511,
0.3371

 35.9198, 0.3700,
0.3402


148.8902, 0.3482,
0.3366

 24.3722, 0.3781,
0.3413


185.2217, 0.3456,
0.3361

 15.6100, 0.3887,
0.3427

227.0291, 0.3435,
0.3357

 9.2486, 0.4034,
0.3442

274.6970, 0.3416,
0.3353

 4.9037, 0.4249,
0.3459

328.6097, 0.3399,

 2.1909, 0.4594,

0.3350

0.3469

389.1516, 0.3384,
0.3347

0.7150, 0.6064,
0.3936

0.0000, 1.0000,
0.0000

68.9082, 0.3587,
0.3384

68.9082, 0.3587,
0.3384

58.2064, 0.3860,
0.3427

81.2334, 0.3362,
0.3342

49.0635, 0.4188,
0.3469

95.2497, 0.3178,
0.3302

41.4051, 0.4570,
0.3504

100.0000, 0.3127,
0.3290

35.1524, 0.4995,
0.3526

■ 30.2190, 0.5433,
0.3526

■ 26.5088, 0.5833,
0.3497

■ 23.9121, 0.6138,
0.3442

■ 22.7015, 0.6278,
0.3397

Harmonies

Analogous

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



68.9082, 0.3446, 0.3180



68.9082, 0.3587, 0.3384



68.9082, 0.3599, 0.3574

Triad

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



68.9082, 0.3587, 0.3384



68.9082, 0.3024, 0.3600



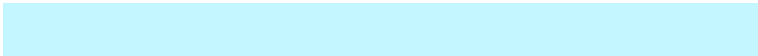
68.9082, 0.2778, 0.2893

Complementary

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



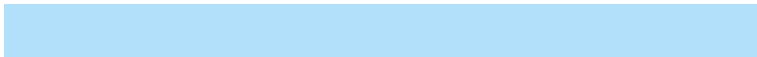
68.9082, 0.3587, 0.3384



84.8752, 0.2776, 0.3194

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.



68.9082, 0.2676, 0.2986



68.9082, 0.3587, 0.3384



68.9082, 0.2813, 0.3395

Square

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



68.9082, 0.3587, 0.3384



68.9082, 0.3267, 0.3712



68.9082, 0.2688, 0.3167



68.9082, 0.2974, 0.2903

Rectangle

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



68.9082, 0.3587, 0.3384



68.9082, 0.3532, 0.3667



68.9082, 0.2688, 0.3167



68.9082, 0.2732, 0.2913

Sweetspot

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



68.9070, 0.3587, 0.3384



89.6268, 0.3244, 0.3317



67.4066, 0.3218, 0.2794



19.0009, 0.3255, 0.3319



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.



68.9070, 0.3587, 0.3384



63.5012, 0.3713, 0.3405



84.2926, 0.3521, 0.3677



18.4337, 0.3291, 0.3327



11.9945, 0.6258, 0.3413



1.2925, 0.6071, 0.3561

Inverse Universe

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



84.8752, 0.2776, 0.3194



82.1350, 0.2707, 0.3171



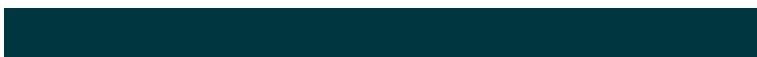
68.4050, 0.2750, 0.2871



19.9820, 0.2980, 0.3253



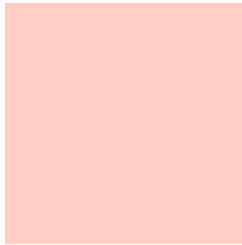
29.6516, 0.2110, 0.2797



3.0090, 0.2128, 0.2859

Previews

White Background



This preview shows how the Yxy color 68.9082, 0.3587, 0.3384 looks on a white background.

Color Contrast Check

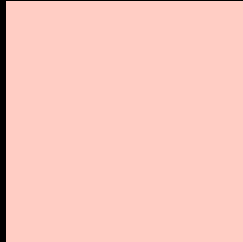
Large Text (above 18pt) WCAG AA × Fail

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 68.9082, 0.3587, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

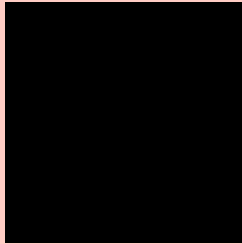
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9082, 0.3587, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 68.9082, 0.3587, 0.3384.

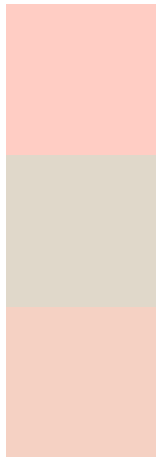


This preview shows how white text looks on a background with the Yxy color 68.9082, 0.3587, 0.3384.

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

68.9082, 0.3587, 0.3384

Protanopia

69.2233, 0.3282, 0.3445

Deuteranopia

68.9535, 0.3507, 0.3439



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

68.9082, 0.3587, 0.3384

Protanomaly

68.9193, 0.3386, 0.3420

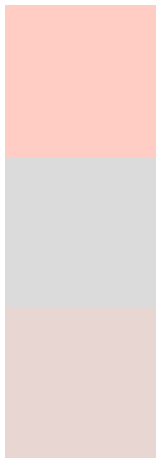
Deuteranomaly

69.1916, 0.3540, 0.3427

Tritanomaly

69.0492, 0.3488, 0.3240

Monochromacy



Original Color

68.9082, 0.3587, 0.3384

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.9521, 0.3281, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9082, 0.3587, 0.3384 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, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 196)  
}
```

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, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 196) }
```

Border

The CSS property to change the border of an element to Yxy 68.9082, 0.3587, 0.3384 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, 205, 196) }
```

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

```
.border{ border-color:rgb(255, 205, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 196); box-shadow:4px 4px 4px 4px rgb(255, 205, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9082, 0.3587, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 196) }
```

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

```
.background{ background-color: rgb(255,  
205, 196) }
```

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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