

Converting Colors

$Yxy(69.1654, 0.3686, 0.3337)$

Have a look what the booklet for
Yxy(69.1654, 0.3686, 0.3337)
contains.

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Color

Yxy(67.0188, 0.3596, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9C4
RGB	255, 201, 196
RGB Percent	100%, 79%, 77%
CMY	0.0000, 0.2117, 0.2313
CMYK	0.00, 0.21, 0.23, 0.00
HSL	5°, 100%, 88%
HSV	5°, 23%, 100%
XYZ	72.0908, 67.0188, 61.3654
YIQ	216.5760, 33.7890, 9.8930

Conversions

Conversions Part 2

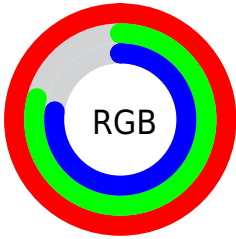
Format	Color
R _Y B	255, 201, 196
Decimal	16763332
CIE Lab	85.51, 18.43, 9.82
CIE LCh	86, 20.880, 28.054
Yxy	67.0188, 0.3596, 0.3343
Android (android.graphics.Color)	4294953412 (0xFFFFC9C4)
YUV	216.5760, -10.1440, 33.6978
Hunter-Lab	81.8650, 13.9244, 12.8622

Details

The Yxy color **67.0188, 0.3596, 0.3343** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3297, 0.2780, 0.3236**, and the grayscale version is **69.1383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **34.6907, 0.3712, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **55.8895, 0.3880, 0.3368**, and if you desaturate by 10%, it is **80.0049, 0.3365, 0.3319**.

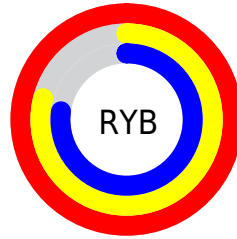
Distribution



Red (100%)

Green (79%)

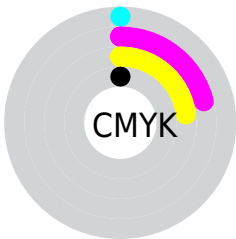
Blue (77%)



Red (100%)

Yellow (79%)

Blue (77%)

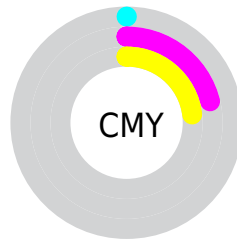


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0188, 0.3596, 0.3343 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 67.0188, 0.3596, 0.3343 by changing the saturation by 10% instead.

 67.0188, 0.3596,
0.3343

 67.0188, 0.3596,
0.3343

450.0117, 0.3374,
0.3322

 49.0999, 0.3648,
0.3347


114.9473, 0.3518,
0.3337

 34.6987, 0.3713,
0.3351

145.7258, 0.3488,
0.3334

 23.4309, 0.3796,
0.3356


181.5595, 0.3462,
0.3331

 14.9120, 0.3907,
0.3360

222.8330, 0.3440,
0.3329

 8.7577, 0.4060,
0.3363

269.9305, 0.3420,
0.3327

 4.5834, 0.4287,
0.3362

323.2366, 0.3403,

 2.0050, 0.4655,

0.3325

0.3344

383.1355, 0.3388,
0.3324

0.6104, 0.6311,
0.3689

0.0000, 0.0000,
0.0000

67.0188, 0.3596,
0.3343

67.0188, 0.3596,
0.3343

55.8895, 0.3880,
0.3368

80.0049, 0.3365,
0.3319

46.5235, 0.4225,
0.3391

94.9176, 0.3178,
0.3297

38.8330, 0.4629,
0.3410

99.9999, 0.3127,
0.3290

32.7189, 0.5079,
0.3421

■ 28.0718, 0.5539,
0.3418

■ 24.7683, 0.5946,
0.3398

■ 22.6644, 0.6235,
0.3363

■ 21.8185, 0.6352,
0.3338

Harmonies

Analogous

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



67.0188, 0.3421, 0.3130



67.0188, 0.3596, 0.3343



67.0188, 0.3639, 0.3553

Triad

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



67.0188, 0.3596, 0.3343



67.0188, 0.3070, 0.3656



67.0188, 0.2724, 0.2880

Complementary

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



67.0188, 0.3596, 0.3343



87.3297, 0.2780, 0.3236

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.



67.0188, 0.2640, 0.2999



67.0188, 0.3596, 0.3343



67.0188, 0.2834, 0.3452

Square

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



67.0188, 0.3596, 0.3343



67.0188, 0.3328, 0.3748



67.0188, 0.2679, 0.3207



67.0188, 0.2914, 0.2869

Rectangle

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



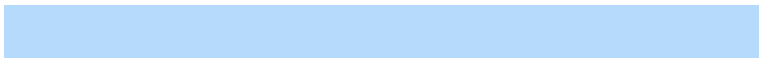
67.0188, 0.3596, 0.3343



67.0188, 0.3587, 0.3664



67.0188, 0.2679, 0.3207



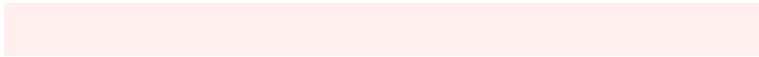
67.0188, 0.2683, 0.2908

Sweetspot

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



67.0219, 0.3596, 0.3343



88.9185, 0.3246, 0.3305



67.6512, 0.3189, 0.2757



18.8375, 0.3257, 0.3306



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

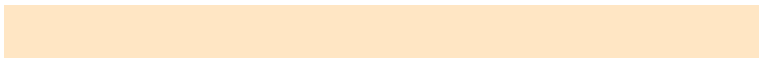
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0219, 0.3596, 0.3343



61.3786, 0.3727, 0.3355



82.0735, 0.3530, 0.3639



18.2342, 0.3292, 0.3311



11.4854, 0.6339, 0.3349



1.1989, 0.6209, 0.3452

Inverse Universe

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



87.3297, 0.2780, 0.3236



85.0826, 0.2712, 0.3224



70.4527, 0.2754, 0.2915



20.2026, 0.2980, 0.3269



34.4519, 0.2173, 0.3022



3.4288, 0.2182, 0.3055

Previews

White Background



This preview shows how the Yxy color 67.0188, 0.3596, 0.3343 looks on a white background.

Color Contrast Check

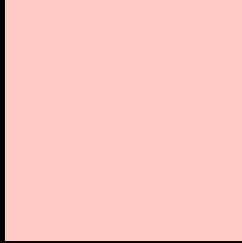
Large Text (above 18pt) WCAG AA × Fail

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 67.0188, 0.3596, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

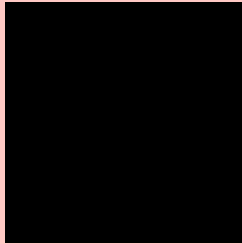
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0188, 0.3596, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 67.0188, 0.3596, 0.3343.



This preview shows how white text looks on a background with the Yxy color 67.0188, 0.3596, 0.3343.

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

67.0188, 0.3596, 0.3343

Protanopia

67.2724, 0.3256, 0.3402

Deuteranopia

66.9600, 0.3489, 0.3409



Tritanopia

66.9619, 0.3458, 0.3138

Trichromacy



Original Color

67.0188, 0.3596, 0.3343

Protanomaly

67.0947, 0.3375, 0.3389

Deuteranomaly

66.9000, 0.3533, 0.3386

Tritanomaly

67.0735, 0.3511, 0.3219

Monochromacy



Original Color

67.0188, 0.3596, 0.3343

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.1809, 0.3292, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0188, 0.3596, 0.3343 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 196) }
```

Border

The CSS property to change the border of an element to Yxy 67.0188, 0.3596, 0.3343 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, 196) }
```

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

```
.border{ border-color:rgb(255, 201, 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, 201, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0188, 0.3596, 0.3343 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, 196) }
```

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

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