

Converting Colors

$Yxy(69.8667, 0.3565, 0.3378)$

Have a look what the booklet for
Yxy(69.8667, 0.3565, 0.3378)
contains.

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Color

Yxy(69.9629, 0.3567, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFC6
RGB	255, 207, 198
RGB Percent	100%, 81%, 78%
CMY	0.0000, 0.1882, 0.2236
CMYK	0.00, 0.19, 0.22, 0.00
HSL	9°, 100%, 89%
HSV	9°, 22%, 100%
XYZ	73.7464, 69.9629, 63.0369
YIQ	220.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

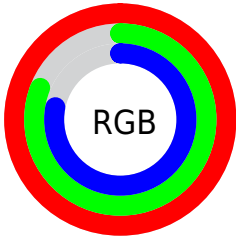
Format	Color
R_{YB}	255, 209, 198
Decimal	16764870
CIE _{Lab}	86.98, 15.58, 10.86
CIE _{LCh}	87, 18.988, 34.886
Yxy	69.9629, 0.3567, 0.3384
Android (android.graphics.Color)	4294954950 (0xFFFFCFC6)
YUV	220.3260, -11.0067, 30.4091
Hunter-Lab	83.6438, 11.0016, 13.8677

Details

The Yxy color **69.9629, 0.3567, 0.3384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1272, 0.2787, 0.3194**, and the grayscale version is **71.8722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8018, 0.3680, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **59.1807, 0.3835, 0.3429**, and if you desaturate by 10%, it is **82.3617, 0.3346, 0.3340**.

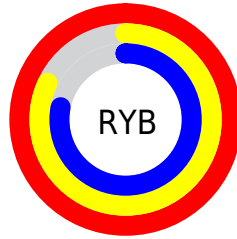
Distribution



Red (100%)

Green (81%)

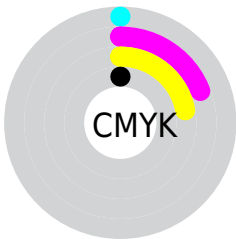
Blue (78%)



Red (100%)

Yellow (82%)

Blue (78%)

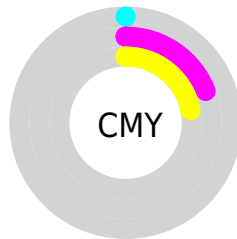


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (19%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9629, 0.3567, 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 69.9629, 0.3567, 0.3384 by changing the saturation by 10% instead.

 69.9629, 0.3567,
0.3384

 69.9629, 0.3567,
0.3384

460.4197, 0.3360,
0.3344

 51.4963, 0.3615,
0.3392


119.1558, 0.3495,
0.3371

 36.6037, 0.3675,
0.3402


150.6510, 0.3467,
0.3365

 24.9008, 0.3751,
0.3414


187.2577, 0.3443,
0.3361

 16.0032, 0.3852,
0.3428

229.3605, 0.3422,
0.3357

 9.5264, 0.3990,
0.3444

277.3437, 0.3404,
0.3353

 5.0861, 0.4193,
0.3463


331.5917, 0.3387,


 2.2979, 0.4516,

0.3350

0.3478


392.4889, 0.3373,
0.3347


 0.7726, 0.5726,
0.3864


 0.0000, 1.0000,
0.0000


 69.9629, 0.3567,
0.3384


 69.9629, 0.3567,
0.3384

 59.1807, 0.3835,
0.3429


 82.3617, 0.3346,
0.3340

 49.9421, 0.4157,
0.3472

 96.4335, 0.3165,
0.3299

 42.1781, 0.4534,
0.3510

100.0000, 0.3127,
0.3290

 35.8117, 0.4954,
0.3534

■ 30.7588, 0.5390,
0.3536

■ 26.9264, 0.5794,
0.3510

■ 24.2084, 0.6109,
0.3455

■ 22.7993, 0.6271,
0.3403

Harmonies

Analogous

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



69.9629, 0.3434, 0.3188



69.9629, 0.3567, 0.3384



69.9629, 0.3576, 0.3565

Triad

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



69.9629, 0.3567, 0.3384



69.9629, 0.3024, 0.3582



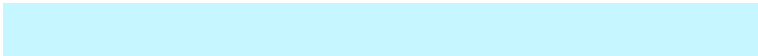
69.9629, 0.2796, 0.2910

Complementary

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



69.9629, 0.3567, 0.3384



85.1272, 0.2787, 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.



69.9629, 0.2696, 0.2997



69.9629, 0.3567, 0.3384



69.9629, 0.2824, 0.3387

Square

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



69.9629, 0.3567, 0.3384



69.9629, 0.3257, 0.3691



69.9629, 0.2706, 0.3170



69.9629, 0.2985, 0.2921

Rectangle

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



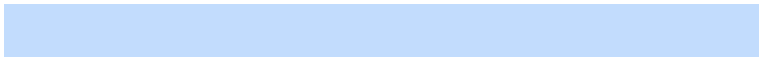
69.9629, 0.3567, 0.3384



69.9629, 0.3511, 0.3652



69.9629, 0.2706, 0.3170



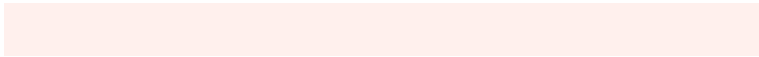
69.9629, 0.2752, 0.2928

Sweetspot

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



69.9650, 0.3567, 0.3384



89.6872, 0.3244, 0.3318



68.3254, 0.3214, 0.2811



19.0149, 0.3255, 0.3320



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.



69.9650, 0.3567, 0.3384



64.7608, 0.3685, 0.3405



84.7802, 0.3506, 0.3663



18.4507, 0.3290, 0.3328



12.0496, 0.6249, 0.3420



1.3005, 0.6060, 0.3570

Inverse Universe

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



85.1272, 0.2787, 0.3194



82.4474, 0.2720, 0.3172



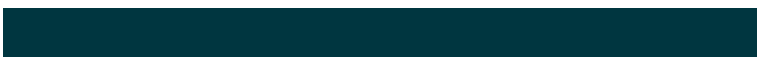
69.3383, 0.2764, 0.2886



19.9633, 0.2980, 0.3251



29.2655, 0.2105, 0.2778



2.9750, 0.2123, 0.2842

Previews

White Background



This preview shows how the Yxy color 69.9629, 0.3567, 0.3384 looks on a white background.

Color Contrast Check

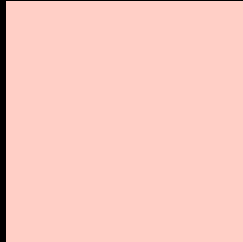
Large Text (above 18pt) WCAG AA × Fail

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 69.9629, 0.3567, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

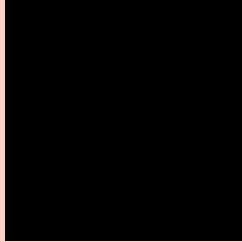
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9629, 0.3567, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 69.9629, 0.3567, 0.3384.

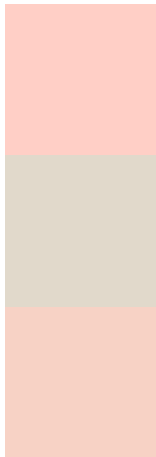


This preview shows how white text looks on a background with the Yxy color 69.9629, 0.3567, 0.3384.

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

69.9629, 0.3567, 0.3384

Protanopia

69.9451, 0.3282, 0.3444

Deuteranopia

69.8986, 0.3505, 0.3428



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

69.9629, 0.3567, 0.3384

Protanomaly

69.6384, 0.3385, 0.3420

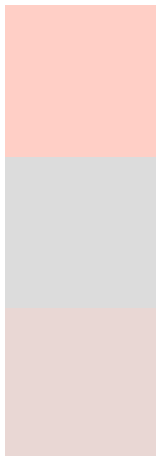
Deuteranomaly

69.9561, 0.3531, 0.3416

Tritanomaly

70.1058, 0.3469, 0.3240

Monochromacy



Original Color

69.9629, 0.3567, 0.3384

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6780, 0.3281, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9629, 0.3567, 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, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 198)  
}
```

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, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 198) }
```

Border

The CSS property to change the border of an element to Yxy 69.9629, 0.3567, 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, 207, 198) }
```

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

```
.border{ border-color:rgb(255, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9629, 0.3567, 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, 207, 198) }
```

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

```
.background{ background-color: rgb(255,  
207, 198) }
```

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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