

Converting Colors

$Y_{xy}(68.2814, 0.3556, 0.3321)$

Have a look what the booklet for
Yxy(68.2814, 0.3556, 0.3321)
contains.

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Color

Yxy(68.1420, 0.3560, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC8
RGB	255, 203, 200
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.2039, 0.2156
CMYK	0.00, 0.20, 0.22, 0.00
HSL	3°, 100%, 89%
HSV	3°, 22%, 100%
XYZ	73.0239, 68.1420, 63.9575
YIQ	218.2060, 31.9550, 10.0910

Conversions

Conversions Part 2

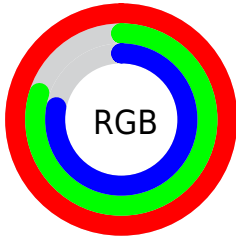
Format	Color
R _Y B	255, 203, 200
Decimal	16763848
CIE Lab	86.08, 17.96, 8.50
CIE LCh	86, 19.865, 25.329
Yxy	68.1420, 0.3560, 0.3322
Android (android.graphics.Color)	4294953928 (0xFFFFCBC8)
YUV	218.2060, -8.9756, 32.2683
Hunter-Lab	82.5482, 13.4458, 11.8464

Details

The Yxy color **68.1420, 0.3560, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.1319, 0.2803, 0.3258**, and the grayscale version is **70.3088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5760, 0.3673, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **56.5313, 0.3840, 0.3338**, and if you desaturate by 10%, it is **81.7275, 0.3334, 0.3307**.

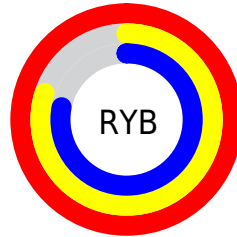
Distribution



Red (100%)

Green (80%)

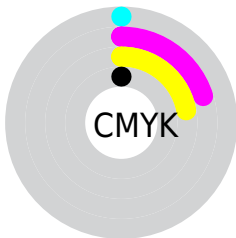
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

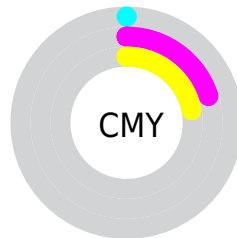


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1420, 0.3560, 0.3322 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 68.1420, 0.3560, 0.3322 by changing the saturation by 10% instead.


 68.1420, 0.3560,
0.3322

 68.1420, 0.3560,
0.3322


453.9990, 0.3356,
0.3310

 50.0133, 0.3608,
0.3324


116.5553, 0.3488,
0.3319

 35.4239, 0.3667,
0.3326


147.6086, 0.3461,
0.3317

 23.9896, 0.3743,
0.3327


183.7389, 0.3437,
0.3316

 15.3259, 0.3844,
0.3328

225.3306, 0.3416,
0.3314

 9.0484, 0.3984,
0.3327

272.7680, 0.3398,
0.3313

 4.7728, 0.4190,
0.3321

326.4356, 0.3382,

 2.1146, 0.4523,

0.3312

0.3299

386.7178, 0.3368,
0.3311

0.6728, 0.5757,
0.3519

0.0000, 1.0000,
0.0000

68.1420, 0.3560,
0.3322

68.1420, 0.3560,
0.3322

56.5313, 0.3840,
0.3338

81.7275, 0.3334,
0.3307

46.7973, 0.4181,
0.3354

97.3668, 0.3152,
0.3292

38.8435, 0.4586,
0.3367

100.0000, 0.3127,
0.3290

32.5621, 0.5042,
0.3374

■ 27.8336, 0.5512,
0.3374

■ 24.5228, 0.5933,
0.3362

■ 22.4713, 0.6235,
0.3339

■ 21.5699, 0.6374,
0.3321

Harmonies

Analogous

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



68.1420, 0.3386, 0.3121



68.1420, 0.3560, 0.3322



68.1420, 0.3613, 0.3523

Triad

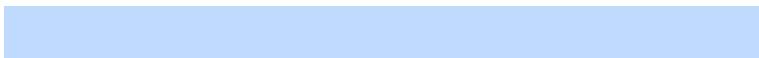
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.1420, 0.3560, 0.3322



68.1420, 0.3096, 0.3649



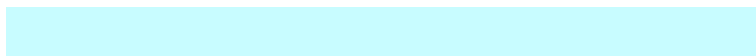
68.1420, 0.2733, 0.2908

Complementary

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



68.1420, 0.3560, 0.3322



89.1319, 0.2803, 0.3258

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.



68.1420, 0.2664, 0.3030



68.1420, 0.3560, 0.3322



68.1420, 0.2868, 0.3464

Square

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



68.1420, 0.3560, 0.3322



68.1420, 0.3339, 0.3725



68.1420, 0.2712, 0.3233



68.1420, 0.2906, 0.2887

Rectangle

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



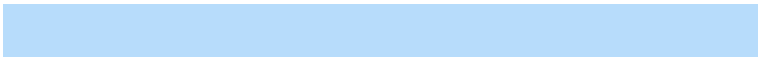
68.1420, 0.3560, 0.3322



68.1420, 0.3572, 0.3632



68.1420, 0.2712, 0.3233



68.1420, 0.2697, 0.2938

Sweetspot

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



68.1442, 0.3560, 0.3322



90.1666, 0.3228, 0.3298



69.6210, 0.3172, 0.2777



19.0801, 0.3240, 0.3299



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

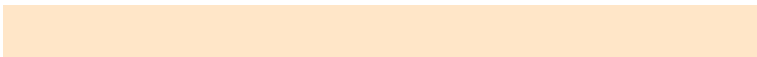
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.1442, 0.3560, 0.3322



62.7521, 0.3677, 0.3329



82.1683, 0.3503, 0.3596



18.1451, 0.3293, 0.3304



11.3342, 0.6363, 0.3330



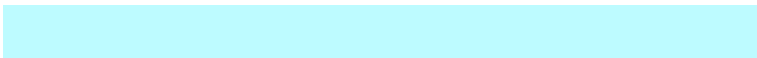
1.1568, 0.6276, 0.3399

Inverse Universe

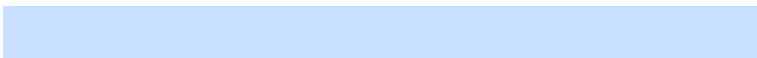
The Inverse Universe completely reimagines the original color for something new.



89.1319, 0.2803, 0.3258



87.2452, 0.2742, 0.3251



73.2224, 0.2782, 0.2964



20.3024, 0.2980, 0.3277



36.7660, 0.2200, 0.3119



3.6294, 0.2206, 0.3140

Previews

White Background



This preview shows how the Yxy color 68.1420, 0.3560, 0.3322 looks on a white background.

Color Contrast Check

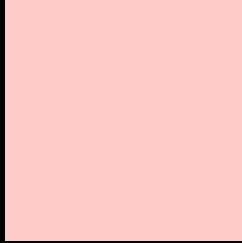
Large Text (above 18pt) WCAG AA × Fail

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 68.1420, 0.3560, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

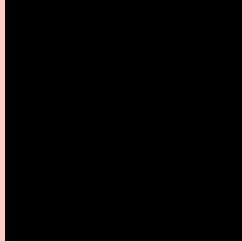
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1420, 0.3560, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 68.1420, 0.3560, 0.3322.

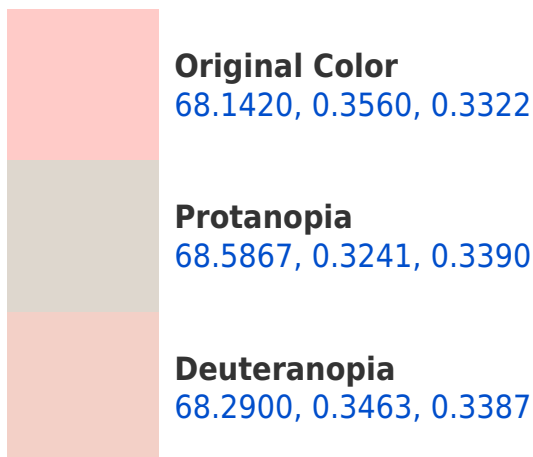


This preview shows how white text looks on a background with the Yxy color 68.1420, 0.3560, 0.3322.

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





Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

68.1420, 0.3560, 0.3322

Protanomaly

68.4406, 0.3351, 0.3366

Deuteranomaly

68.0403, 0.3498, 0.3365

Tritanomaly

68.1542, 0.3484, 0.3209

Monochromacy



Original Color

68.1420, 0.3560, 0.3322

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2806, 0.3275, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1420, 0.3560, 0.3322 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, 203, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 200)  
}
```

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, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 200) }
```

Border

The CSS property to change the border of an element to Yxy 68.1420, 0.3560, 0.3322 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, 203, 200) }
```

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

```
.border{ border-color:rgb(255, 203, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1420, 0.3560, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 200) }
```

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

```
.background{ background-color: rgb(255,  
203, 200) }
```

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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