

Converting Colors

$Yxy(74.9872, 0.3844, 0.3315)$

Have a look what the booklet for
Yxy(74.9872, 0.3844, 0.3315)
contains.

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Color

Yxy(67.6712, 0.3562, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAC8
RGB	255, 202, 200
RGB Percent	100%, 79%, 78%
CMY	0.0001, 0.2078, 0.2157
CMYK	0.00, 0.21, 0.22, 0.00
HSL	2°, 100%, 89%
HSV	2°, 22%, 100%
XYZ	72.7792, 67.6712, 63.8708
YIQ	217.6190, 32.2300, 10.6140

Conversions

Conversions Part 2

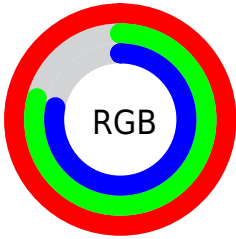
Format	Color
R _Y B	255, 202, 200
Decimal	16763592
CIE Lab	85.84, 18.46, 8.17
CIE LCh	86, 20.185, 23.869
Yxy	67.6712, 0.3562, 0.3312
Android (android.graphics.Color)	4294953672 (0xFFFFCAC8)
YUV	217.6190, -8.6862, 32.7831
Hunter-Lab	82.2625, 13.9630, 11.5494

Details

The Yxy color $67.6712, 0.3562, 0.3312$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.7255, 0.2804, 0.3268$, and the grayscale version is $69.8802, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1254, 0.3666, 0.3318$ is the 20% darker color. If you saturate the color by 10%, you get $55.9543, 0.3844, 0.3323$, and if you desaturate by 10%, it is $81.4278, 0.3334, 0.3301$.

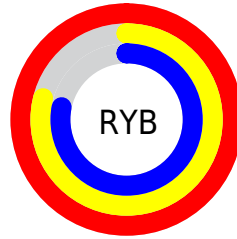
Distribution



Red (100%)

Green (79%)

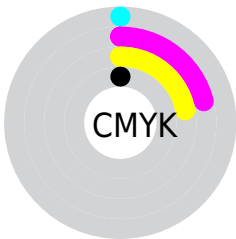
Blue (78%)



Red (100%)

Yellow (79%)

Blue (78%)

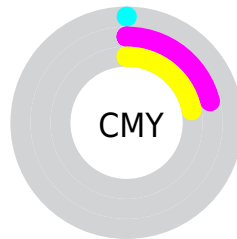


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6712, 0.3562, 0.3312 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 67.6712, 0.3562, 0.3312 by changing the saturation by 10% instead.


 67.6712, 0.3562,
0.3312

 67.6712, 0.3562,
0.3312


452.3302, 0.3356,
0.3305

 49.6303, 0.3610,
0.3313


115.8816, 0.3490,
0.3310

 35.1197, 0.3670,
0.3313


146.8200, 0.3462,
0.3309

 23.7551, 0.3747,
0.3313


182.8262, 0.3438,
0.3308

 15.1521, 0.3848,
0.3312

224.2848, 0.3417,
0.3308

 8.9262, 0.3990,
0.3308

271.5801, 0.3399,
0.3307

 4.6931, 0.4199,
0.3298

325.0965, 0.3383,

 2.0683, 0.4536,

0.3306

0.3269

385.2184, 0.3369,
0.3306

0.6467, 0.5820,
0.3467

0.0000, 1.0000,
0.0000

67.6712, 0.3562,
0.3312

67.6712, 0.3562,
0.3312

55.9543, 0.3844,
0.3323

81.4278, 0.3334,
0.3301

46.1714, 0.4190,
0.3334

97.3048, 0.3152,
0.3291

38.2213, 0.4601,
0.3343

99.9954, 0.3127,
0.3290

31.9898, 0.5062,
0.3348

■ 27.3503, 0.5536,
0.3348

■ 24.1583, 0.5957,
0.3340

■ 22.2434, 0.6253,
0.3325

■ 21.4580, 0.6383,
0.3314

Harmonies

Analogous

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



67.6712, 0.3379, 0.3109



67.6712, 0.3562, 0.3312



67.6712, 0.3623, 0.3518

Triad

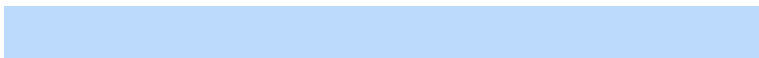
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6712, 0.3562, 0.3312



67.6712, 0.3107, 0.3662



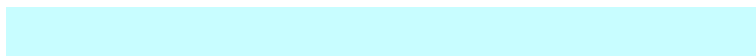
67.6712, 0.2720, 0.2904

Complementary

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



67.6712, 0.3562, 0.3312



89.7255, 0.2804, 0.3268

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.



67.6712, 0.2655, 0.3034



67.6712, 0.3562, 0.3312



67.6712, 0.2873, 0.3478

Square

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



67.6712, 0.3562, 0.3312



67.6712, 0.3354, 0.3733



67.6712, 0.2710, 0.3243



67.6712, 0.2891, 0.2878

Rectangle

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



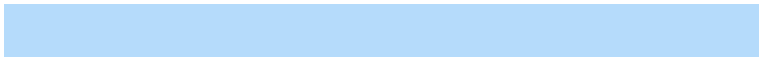
67.6712, 0.3562, 0.3312



67.6712, 0.3585, 0.3631



67.6712, 0.2710, 0.3243



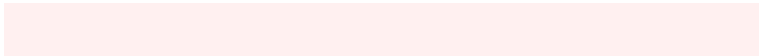
67.6712, 0.2685, 0.2937

Sweetspot

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



67.6743, 0.3562, 0.3312



90.0069, 0.3228, 0.3296



69.6665, 0.3165, 0.2769



19.0425, 0.3240, 0.3296



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.



67.6743, 0.3562, 0.3312



62.2383, 0.3680, 0.3317



81.6426, 0.3504, 0.3587



18.0935, 0.3294, 0.3299



11.2608, 0.6375, 0.3320



1.1323, 0.6315, 0.3368

Inverse Universe

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



89.7255, 0.2804, 0.3268



87.9815, 0.2743, 0.3263



73.7047, 0.2783, 0.2974



20.3606, 0.2980, 0.3281



38.1567, 0.2215, 0.3175



3.7494, 0.2219, 0.3189

Previews

White Background



This preview shows how the Yxy color 67.6712, 0.3562, 0.3312 looks on a white background.

Color Contrast Check

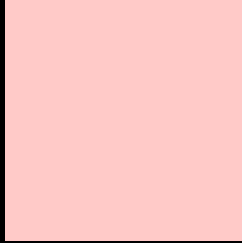
Large Text (above 18pt) WCAG AA × Fail

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 67.6712, 0.3562, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

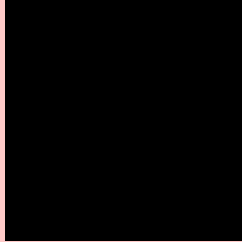
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6712, 0.3562, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 67.6712, 0.3562, 0.3312.

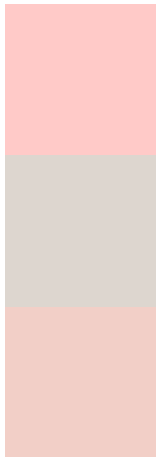


This preview shows how white text looks on a background with the Yxy color 67.6712, 0.3562, 0.3312.

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

67.6712, 0.3562, 0.3312

Protanopia

67.9703, 0.3227, 0.3368

Deuteranopia

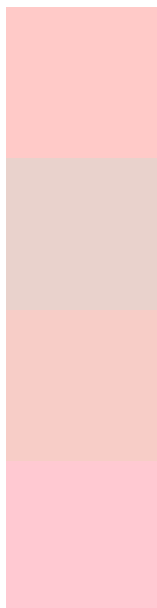
67.6264, 0.3457, 0.3376



Tritanopia

67.4748, 0.3449, 0.3138

Trichromacy



Original Color

67.6712, 0.3562, 0.3312

Protanomaly

67.7765, 0.3344, 0.3356

Deuteranomaly

67.5603, 0.3500, 0.3354

Tritanomaly

67.6864, 0.3486, 0.3199

Monochromacy



Original Color

67.6712, 0.3562, 0.3312

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.7790, 0.3276, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6712, 0.3562, 0.3312 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, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 200) }
```

Border

The CSS property to change the border of an element to Yxy 67.6712, 0.3562, 0.3312 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, 202, 200) }
```

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

```
.border{ border-color:rgb(255, 202, 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, 202, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6712, 0.3562, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 200) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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