

Converting Colors

$Y_{xy}(70.0064, 0.3728, 0.3318)$

Have a look what the booklet for
Yxy(70.0064, 0.3728, 0.3318)
contains.

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Color

Yxy(66.5998, 0.3590, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C5
RGB	255, 200, 197
RGB Percent	100%, 78%, 77%
CMY	0.0000, 0.2157, 0.2273
CMYK	0.00, 0.22, 0.23, 0.00
HSL	3°, 100%, 89%
HSV	3°, 23%, 100%
XYZ	71.9727, 66.5998, 61.9085
YIQ	216.1030, 33.7430, 10.7270

Conversions

Conversions Part 2

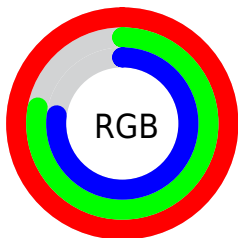
Format	Color
R _Y B	255, 200, 197
Decimal	16763077
CIE Lab	85.30, 19.09, 8.97
CIE LCh	85, 21.093, 25.163
Yxy	66.5998, 0.3590, 0.3322
Android (android.graphics.Color)	4294953157 (0xFFFFC8C5)
YUV	216.1030, -9.4178, 34.1127
Hunter-Lab	81.6087, 14.6083, 12.1486

Details

The Yxy color **66.5998, 0.3590, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7297, 0.2787, 0.3258**, and the grayscale version is **68.7942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.4113, 0.3705, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **55.1965, 0.3877, 0.3337**, and if you desaturate by 10%, it is **79.9800, 0.3358, 0.3307**.

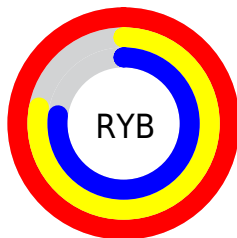
Distribution



Red (100%)

Green (78%)

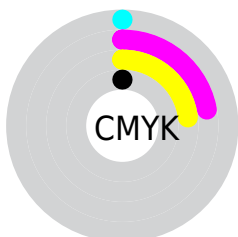
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

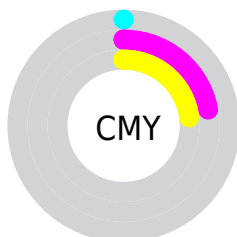


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5998, 0.3590, 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 66.5998, 0.3590, 0.3322 by changing the saturation by 10% instead.

 66.5998, 0.3590,
0.3322

 66.5998, 0.3590,
0.3322


448.5189, 0.3370,
0.3311

 48.7595, 0.3641,
0.3324

114.3468, 0.3513,
0.3319

 34.4287, 0.3706,
0.3325


145.0222, 0.3483,
0.3317

 23.2231, 0.3788,
0.3326


180.7448, 0.3458,
0.3316

 14.7584, 0.3898,
0.3326

221.8989, 0.3436,
0.3315

 8.6500, 0.4050,
0.3324

268.8690, 0.3416,
0.3314

 4.5136, 0.4276,
0.3314


322.0395, 0.3399,

 1.9648, 0.4643,


0.3313


0.3284


381.7946, 0.3384,
0.3312


 0.5869, 0.6340,
0.3587


 0.0000, 0.0000,
0.0000


 66.5998, 0.3590,
0.3322


 66.5998, 0.3590,
0.3322

 55.1965, 0.3877,
0.3337


 79.9800, 0.3358,
0.3307

 45.6679, 0.4227,
0.3352

 95.4150, 0.3171,
0.3294

 37.9164, 0.4640,
0.3364

99.9979, 0.3127,
0.3290

 31.8319, 0.5101,
0.3370

■ 27.2921, 0.5569,
0.3368

■ 24.1579, 0.5980,
0.3356

■ 22.2653, 0.6263,
0.3334

■ 21.5471, 0.6375,
0.3320

Harmonies

Analogous

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



66.5998, 0.3402, 0.3109



66.5998, 0.3590, 0.3322



66.5998, 0.3648, 0.3537

Triad

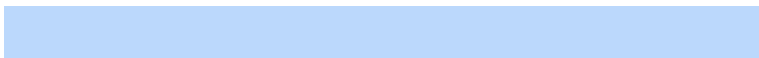
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5998, 0.3590, 0.3322



66.5998, 0.3094, 0.3676



66.5998, 0.2706, 0.2882

Complementary

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



66.5998, 0.3590, 0.3322



88.7297, 0.2787, 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.



66.5998, 0.2633, 0.3012



66.5998, 0.3590, 0.3322



66.5998, 0.2851, 0.3478

Square

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



66.5998, 0.3590, 0.3322



66.5998, 0.3354, 0.3756



66.5998, 0.2684, 0.3229



66.5998, 0.2889, 0.2860

Rectangle

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



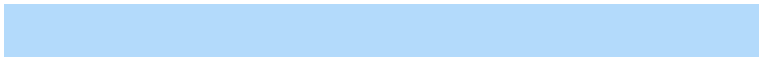
66.5998, 0.3590, 0.3322



66.5998, 0.3604, 0.3654



66.5998, 0.2684, 0.3229



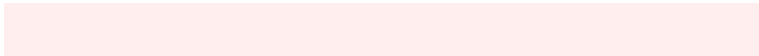
66.5998, 0.2668, 0.2914

Sweetspot

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



66.6029, 0.3590, 0.3322



88.5694, 0.3246, 0.3299



68.2429, 0.3174, 0.2749



18.7570, 0.3257, 0.3300



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.



66.6029, 0.3590, 0.3322



61.4977, 0.3705, 0.3329



81.2809, 0.3526, 0.3613



18.1361, 0.3293, 0.3303



11.3214, 0.6365, 0.3328



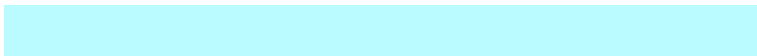
1.1525, 0.6282, 0.3394

Inverse Universe

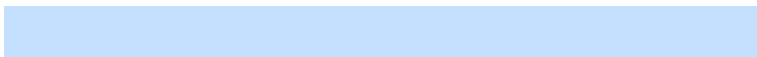
The Inverse Universe completely reimagines the original color for something new.



88.7297, 0.2787, 0.3258



86.9696, 0.2728, 0.3251



71.9331, 0.2762, 0.2944



20.3126, 0.2980, 0.3277



37.0073, 0.2203, 0.3129



3.6502, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 66.5998, 0.3590, 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 66.5998, 0.3590, 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 66.5998, 0.3590, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 66.5998, 0.3590, 0.3322.

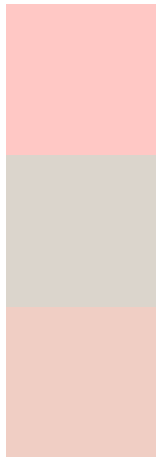


This preview shows how white text looks on a background with the Yxy color 66.5998, 0.3590, 0.3322.

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



Original Color

66.5998, 0.3590, 0.3322

Protanopia

67.0082, 0.3234, 0.3391

Deuteranopia

66.6534, 0.3466, 0.3398



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.5998, 0.3590, 0.3322

Protanomaly

66.4846, 0.3362, 0.3367

Deuteranomaly

66.5837, 0.3509, 0.3376

Tritanomaly

66.6118, 0.3513, 0.3209

Monochromacy



Original Color

66.5998, 0.3590, 0.3322

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.5196, 0.3285, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5998, 0.3590, 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, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 197)  
}
```

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, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.5998, 0.3590, 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, 200, 197) }
```

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

```
.border{ border-color:rgb(255, 200, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5998, 0.3590, 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, 200, 197) }
```

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

```
.background{ background-color: rgb(255,  
200, 197) }
```

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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