

Converting Colors

$Yxy(69.6345, 0.3722, 0.3326)$

Have a look what the booklet for
Yxy(69.6345, 0.3722, 0.3326)
contains.

Yxy(66.5541, 0.3598, 0.3333)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.5541, 0.3598, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C4
RGB	255, 200, 196
RGB Percent	100%, 78%, 77%
CMY	0.0002, 0.2156, 0.2314
CMYK	0.00, 0.22, 0.23, 0.00
HSL	4°, 100%, 88%
HSV	4°, 23%, 100%
XYZ	71.8457, 66.5541, 61.2825
YIQ	215.9890, 34.0640, 10.4160

Conversions

Conversions Part 2

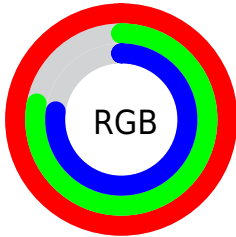
Format	Color
R_{YB}	255, 200, 196
Decimal	16763076
CIE _{Lab}	85.28, 18.92, 9.49
CIE _{LCh}	85, 21.169, 26.632
Yxy	66.5541, 0.3598, 0.3333
Android (android.graphics.Color)	4294953156 (0xFFFFC8C4)
YUV	215.9890, -9.8546, 34.2126
Hunter-Lab	81.5807, 14.4334, 12.5685

Details

The Yxy color **66.5541, 0.3598, 0.3333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9033, 0.2780, 0.3247**, and the grayscale version is **68.7125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **34.3811, 0.3715, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **55.3298, 0.3885, 0.3353**, and if you desaturate by 10%, it is **79.6913, 0.3365, 0.3314**.

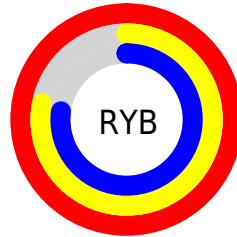
Distribution



Red (100%)

Green (78%)

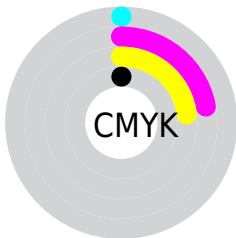
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

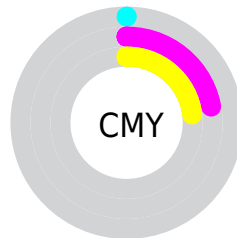


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5541, 0.3598, 0.3333 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 66.5541, 0.3598, 0.3333 by changing the saturation by 10% instead.


 66.5541, 0.3598,
0.3333

 66.5541, 0.3598,
0.3333


448.3559, 0.3375,
0.3317

 48.7223, 0.3650,
0.3336


114.2812, 0.3519,
0.3328

 34.3993, 0.3716,
0.3339


144.9454, 0.3489,
0.3326

 23.2005, 0.3800,
0.3341


180.6559, 0.3463,
0.3324

 14.7416, 0.3911,
0.3344

221.7970, 0.3441,
0.3322

 8.6383, 0.4066,
0.3344

268.7532, 0.3421,
0.3321

 4.5060, 0.4296,
0.3338

321.9088, 0.3404,

 1.9604, 0.4669,


0.3319


0.3313


381.6482, 0.3388,
0.3318


 0.5843, 0.6380,
0.3620


 0.0000, 0.0000,
0.0000


 66.5541, 0.3598,
0.3333


 66.5541, 0.3598,
0.3333

 55.3298, 0.3885,
0.3353


 79.6913, 0.3365,
0.3314

 45.9205, 0.4233,
0.3372

 94.8150, 0.3178,
0.3295

 38.2336, 0.4643,
0.3387

99.9916, 0.3127,
0.3290

 32.1646, 0.5099,
0.3396

■ 27.5978, 0.5563,
0.3393

■ 24.4019, 0.5970,
0.3376

■ 22.4232, 0.6254,
0.3347

■ 21.6654, 0.6365,
0.3328

Harmonies

Analogous

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



66.5541, 0.3415, 0.3118



66.5541, 0.3598, 0.3333



66.5541, 0.3649, 0.3547

Triad

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



66.5541, 0.3598, 0.3333



66.5541, 0.3081, 0.3670



66.5541, 0.2711, 0.2877

Complementary

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



66.5541, 0.3598, 0.3333



87.9033, 0.2780, 0.3247

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.



66.5541, 0.2631, 0.3002



66.5541, 0.3598, 0.3333



66.5541, 0.2839, 0.3467

Square

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



66.5541, 0.3598, 0.3333



66.5541, 0.3343, 0.3757



66.5541, 0.2677, 0.3217



66.5541, 0.2900, 0.2860

Rectangle

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



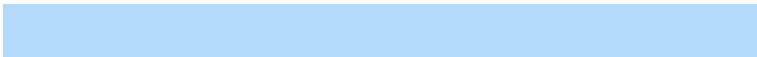
66.5541, 0.3598, 0.3333



66.5541, 0.3600, 0.3663



66.5541, 0.2677, 0.3217



66.5541, 0.2671, 0.2907

Sweetspot

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



66.5572, 0.3598, 0.3333



88.7473, 0.3246, 0.3302



67.6976, 0.3182, 0.2749



18.7980, 0.3257, 0.3303



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.



66.5572, 0.3598, 0.3333



60.8740, 0.3731, 0.3343



81.5017, 0.3532, 0.3629



18.1861, 0.3293, 0.3307



11.3982, 0.6353, 0.3338



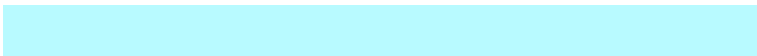
1.1761, 0.6245, 0.3424

Inverse Universe

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



87.9033, 0.2780, 0.3247



85.8095, 0.2714, 0.3236



70.9549, 0.2755, 0.2926



20.2565, 0.2980, 0.3273



35.6890, 0.2188, 0.3075



3.5362, 0.2195, 0.3101

Previews

White Background



This preview shows how the Yxy color 66.5541, 0.3598, 0.3333 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 66.5541, 0.3598, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

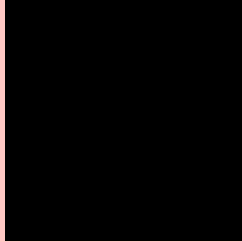
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

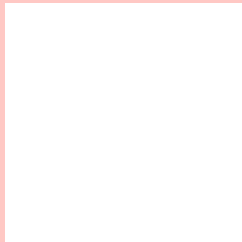
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5541, 0.3598, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 66.5541, 0.3598, 0.3333.

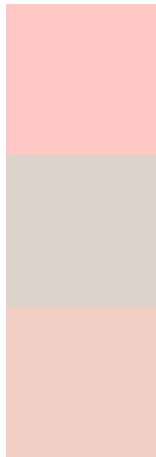


This preview shows how white text looks on a background with the Yxy color 66.5541, 0.3598, 0.3333.

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

66.5541, 0.3598, 0.3333

Protanopia

66.6144, 0.3250, 0.3391

Deuteranopia

66.7835, 0.3481, 0.3409



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.5541, 0.3598, 0.3333

Protanomaly

66.6055, 0.3377, 0.3378

Deuteranomaly

66.7187, 0.3525, 0.3386

Tritanomaly

66.6118, 0.3513, 0.3209

Monochromacy



Original Color

66.5541, 0.3598, 0.3333

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 66.5541, 0.3598, 0.3333 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 196) }
```

Border

The CSS property to change the border of an element to Yxy 66.5541, 0.3598, 0.3333 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, 196) }
```

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

```
.border{ border-color:rgb(255, 200, 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, 200, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5541, 0.3598, 0.3333 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor