

Converting Colors

$Y_{xy}(66.5827, 0.3524, 0.3224)$

Have a look what the booklet for
Yxy(66.5827, 0.3524, 0.3224)
contains.

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Color

Yxy(66.5631, 0.3521, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7CE
RGB	255, 199, 206
RGB Percent	100%, 78%, 81%
CMY	0.0000, 0.2196, 0.1921
CMYK	0.00, 0.22, 0.19, 0.00
HSL	352°, 100%, 89%
HSV	352°, 22%, 100%
XYZ	72.8079, 66.5631, 67.4109
YIQ	216.5420, 31.1290, 14.0490

Conversions

Conversions Part 2

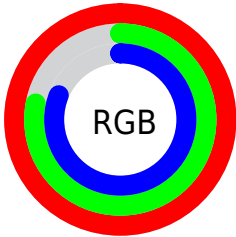
Format	Color
R _Y B	255, 199, 206
Decimal	16762830
CIE _{Lab}	85.28, 20.93, 4.17
CIE _{LCh}	85, 21.339, 11.260
Y _{xy}	66.5631, 0.3521, 0.3219
Android (android.graphics.Color)	4294952910 (0xFFFFC7CE)
Y _{UV}	216.5420, -5.1972, 33.7277
Hunter-Lab	81.5862, 16.5184, 8.1218

Details

The Yxy color **66.5631, 0.3521, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.4387, 0.2836, 0.3363**, and the grayscale version is **69.0791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5236, 0.3622, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **54.7880, 0.3773, 0.3185**, and if you desaturate by 10%, it is **80.4602, 0.3318, 0.3253**.

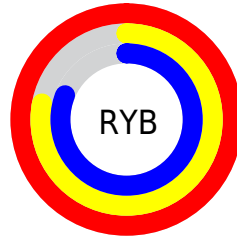
Distribution



Red (100%)

Green (78%)

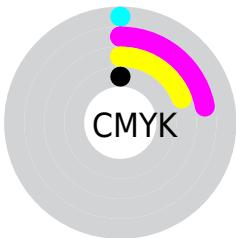
Blue (81%)



Red (100%)

Yellow (78%)

Blue (81%)

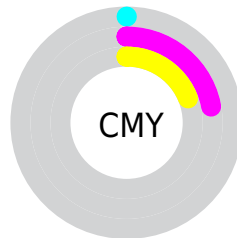


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5631, 0.3521, 0.3219 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 66.5631, 0.3521, 0.3219 by changing the saturation by 10% instead.


 66.5631, 0.3521,
0.3219

 66.5631, 0.3521,
0.3219


448.3880, 0.3335,
0.3254

 48.7297, 0.3565,
0.3210

114.2942, 0.3456,
0.3232

 34.4051, 0.3619,
0.3199


144.9606, 0.3430,
0.3237

 23.2050, 0.3689,
0.3185


180.6734, 0.3409,
0.3241

 14.7449, 0.3781,
0.3165

221.8171, 0.3390,
0.3244

 8.6406, 0.3910,
0.3136

268.7760, 0.3374,
0.3247

 4.5075, 0.4101,
0.3091


321.9345, 0.3359,


 1.9613, 0.4412,


0.3250


0.3011


381.6771, 0.3346,
0.3252


 0.5848, 0.5389,
0.2899

 0.0000, 1.0000,
0.0000


 66.5631, 0.3521,
0.3219


 66.5631, 0.3521,
0.3219

 54.7880, 0.3773,
0.3185


 80.4602, 0.3318,
0.3253

 45.0274, 0.4081,
0.3152

 96.5733, 0.3155,
0.3284

 37.1692, 0.4450,
0.3125

100.0000, 0.3127,
0.3290

 31.0889, 0.4871,
0.3109

■ 26.6473, 0.5320,
0.3111

■ 23.6842, 0.5746,
0.3136

■ 22.0073, 0.6087,
0.3184

■ 21.3639, 0.6272,
0.3229

Harmonies

Analogous

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



66.5631, 0.3288, 0.3020



66.5631, 0.3521, 0.3219



66.5631, 0.3645, 0.3442

Triad

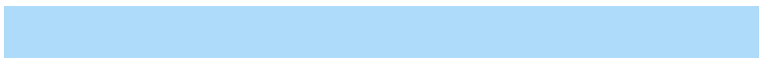
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5631, 0.3521, 0.3219



66.5631, 0.3218, 0.3736



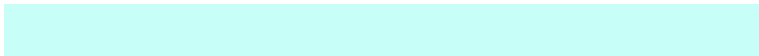
66.5631, 0.2651, 0.2925

Complementary

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



66.5631, 0.3521, 0.3219



90.4387, 0.2836, 0.3363

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.



66.5631, 0.2635, 0.3102



66.5631, 0.3521, 0.3219



66.5631, 0.2955, 0.3584

Square

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



66.5631, 0.3521, 0.3219



66.5631, 0.3464, 0.3751



66.5631, 0.2744, 0.3346



66.5631, 0.2789, 0.2851

Rectangle

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



66.5631, 0.3521, 0.3219



66.5631, 0.3647, 0.3579



66.5631, 0.2744, 0.3346



66.5631, 0.2632, 0.2974

Sweetspot

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



66.5641, 0.3521, 0.3219



88.1701, 0.3233, 0.3268



67.9385, 0.3098, 0.2733



18.6649, 0.3243, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

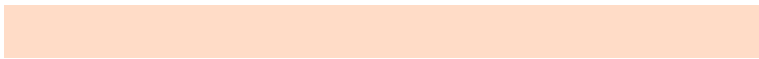
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5641, 0.3521, 0.3219



61.5576, 0.3616, 0.3205



76.3256, 0.3532, 0.3500



18.0241, 0.3275, 0.3261



11.1745, 0.6246, 0.3215



1.0991, 0.6000, 0.3079

Inverse Universe

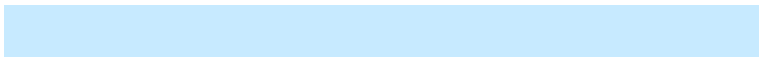
The Inverse Universe completely reimagines the original color for something new.



66.5641, 0.3521, 0.3219



61.5576, 0.3616, 0.3205



78.4741, 0.2784, 0.3070



18.0241, 0.3275, 0.3261



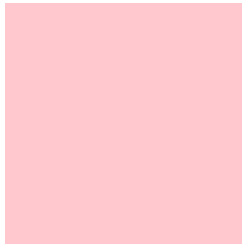
11.1745, 0.6246, 0.3215



1.0991, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 66.5631, 0.3521, 0.3219 looks on a white background.

Color Contrast Check

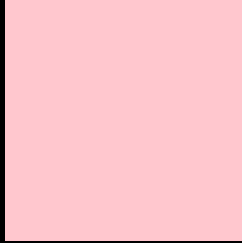
Large Text (above 18pt) WCAG AA × Fail

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 66.5631, 0.3521, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

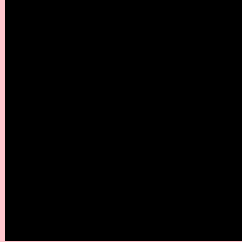
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5631, 0.3521, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 66.5631, 0.3521, 0.3219.



This preview shows how white text looks on a background with the Yxy color 66.5631, 0.3521, 0.3219.

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

66.5631, 0.3521, 0.3219

Protanopia

66.6937, 0.3150, 0.3268

Deuteranopia

66.5549, 0.3374, 0.3302



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.5631, 0.3521, 0.3219

Protanomaly

66.3177, 0.3282, 0.3247

Deuteranomaly

66.3527, 0.3434, 0.3270

Tritanomaly

66.3013, 0.3491, 0.3168

Monochromacy



Original Color

66.5631, 0.3521, 0.3219

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.8862, 0.3264, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5631, 0.3521, 0.3219 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, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 206)  
}
```

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, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 206) }
```

Border

The CSS property to change the border of an element to Yxy 66.5631, 0.3521, 0.3219 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, 199, 206) }
```

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

```
.border{ border-color:rgb(255, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5631, 0.3521, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 206) }
```

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

```
.background{ background-color: rgb(255,  
199, 206) }
```

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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