

Converting Colors

$Yxy(67.4954, 0.3534, 0.3197)$

Have a look what the booklet for
Yxy(67.4954, 0.3534, 0.3197)
contains.

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Color

Yxy(66.6609, 0.3505, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D0
RGB	255, 199, 208
RGB Percent	100%, 78%, 82%
CMY	0.0001, 0.2195, 0.1844
CMYK	0.00, 0.22, 0.18, 0.00
HSL	350°, 100%, 89%
HSV	350°, 22%, 100%
XYZ	73.0373, 66.6609, 68.6822
YIQ	216.7700, 30.4870, 14.6710

Conversions

Conversions Part 2

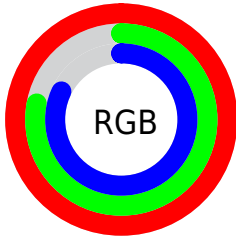
Format	Color
R_{YB}	255, 199, 208
Decimal	16762832
CIE _{Lab}	85.33, 21.19, 3.19
CIE _{LCh}	85, 21.433, 8.552
Yxy	66.6609, 0.3505, 0.3199
Android (android.graphics.Color)	4294952912 (0xFFFFC7D0)
YUV	216.7700, -4.3236, 33.5277
Hunter-Lab	81.6461, 16.7982, 7.2765

Details

The Yxy color **66.6609, 0.3505, 0.3199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.2967, 0.2846, 0.3384**, and the grayscale version is **69.2368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5897, 0.3600, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **54.9123, 0.3746, 0.3155**, and if you desaturate by 10%, it is **80.5234, 0.3310, 0.3242**.

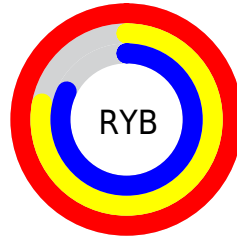
Distribution



Red (100%)

Green (78%)

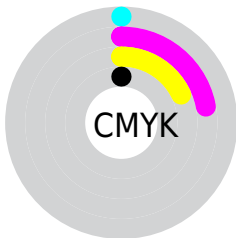
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

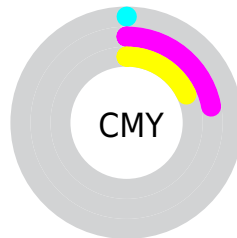


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6609, 0.3505, 0.3199 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 66.6609, 0.3505, 0.3199 by changing the saturation by 10% instead.

 66.6609, 0.3505,
0.3199

 66.6609, 0.3505,
0.3199


448.7368, 0.3327,
0.3243

 48.8091, 0.3547,
0.3188

114.4344, 0.3442,
0.3215

 34.4681, 0.3599,
0.3175


145.1249, 0.3418,
0.3221

 23.2534, 0.3665,
0.3157

180.8637, 0.3397,
0.3226

 14.7807, 0.3754,
0.3134

222.0352, 0.3380,
0.3230

 8.6656, 0.3877,
0.3100

269.0239, 0.3364,
0.3234

 4.5237, 0.4059,
0.3048


322.2142, 0.3350,


 1.9706, 0.4356,

0.3238

0.2959


381.9903, 0.3338,
0.3241


 0.5903, 0.5216,
0.2796


 0.0000, 1.0000,
0.0000


 66.6609, 0.3505,
0.3199


 66.6609, 0.3505,
0.3199

 54.9123, 0.3746,
0.3155


 80.5234, 0.3310,
0.3242

 45.1650, 0.4041,
0.3113

 96.5871, 0.3154,
0.3283

 37.3098, 0.4393,
0.3077

99.9934, 0.3127,
0.3290

 31.2231, 0.4797,
0.3054

■ 26.7671, 0.5231,
0.3053

■ 23.7829, 0.5652,
0.3080

■ 22.0798, 0.6003,
0.3137

■ 21.4124, 0.6207,
0.3193

Harmonies

Analogous

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



66.6609, 0.3265, 0.3004



66.6609, 0.3505, 0.3199



66.6609, 0.3642, 0.3422

Triad

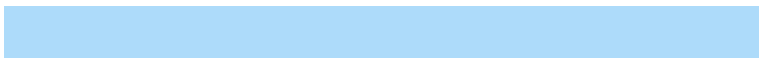
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.6609, 0.3505, 0.3199



66.6609, 0.3243, 0.3745



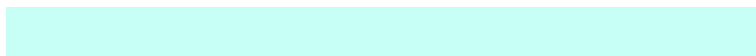
66.6609, 0.2643, 0.2936

Complementary

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



66.6609, 0.3505, 0.3199



90.2967, 0.2846, 0.3384

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.



66.6609, 0.2638, 0.3122



66.6609, 0.3505, 0.3199



66.6609, 0.2977, 0.3604

Square

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



66.6609, 0.3505, 0.3199



66.6609, 0.3484, 0.3747



66.6609, 0.2758, 0.3369



66.6609, 0.2770, 0.2852

Rectangle

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



66.6609, 0.3505, 0.3199



66.6609, 0.3653, 0.3563



66.6609, 0.2758, 0.3369



66.6609, 0.2627, 0.2988

Sweetspot

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



66.6639, 0.3505, 0.3199



88.2071, 0.3229, 0.3262



67.6029, 0.3084, 0.2731



18.6735, 0.3238, 0.3260



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.



66.6639, 0.3505, 0.3199



61.6648, 0.3597, 0.3181



75.3497, 0.3536, 0.3481



18.0345, 0.3269, 0.3252



11.2059, 0.6176, 0.3176



1.1040, 0.5900, 0.3024

Inverse Universe

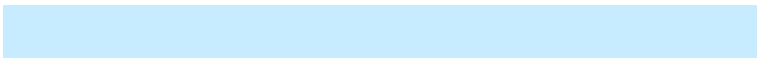
The Inverse Universe completely reimagines the original color for something new.



66.6639, 0.3505, 0.3199



61.6648, 0.3597, 0.3181



79.5368, 0.2785, 0.3090



18.0345, 0.3269, 0.3252



11.2059, 0.6176, 0.3176



1.1040, 0.5900, 0.3024

Previews

White Background



This preview shows how the Yxy color 66.6609, 0.3505, 0.3199 looks on a white background.

Color Contrast Check

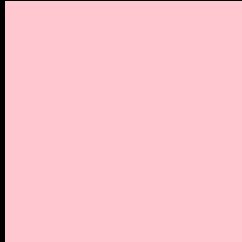
Large Text (above 18pt) WCAG AA × Fail

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 66.6609, 0.3505, 0.3199 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 66.6609, 0.3505, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 66.6609, 0.3505, 0.3199.



This preview shows how white text looks on a background with the Yxy color 66.6609, 0.3505, 0.3199.

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

66.6609, 0.3505, 0.3199

Protanopia

66.7965, 0.3137, 0.3246

Deuteranopia

66.6521, 0.3359, 0.3280



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.6609, 0.3505, 0.3199

Protanomaly

66.4187, 0.3267, 0.3225

Deuteranomaly

66.4500, 0.3419, 0.3249

Tritanomaly

66.3513, 0.3483, 0.3158

Monochromacy



Original Color

66.6609, 0.3505, 0.3199

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.9372, 0.3257, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6609, 0.3505, 0.3199 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 208) }
```

Border

The CSS property to change the border of an element to Yxy 66.6609, 0.3505, 0.3199 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, 208) }
```

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

```
.border{ border-color:rgb(255, 199, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6609, 0.3505, 0.3199 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
199, 208) }
```

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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