

Converting Colors

$Y_{xy}(65.1727, 0.3557, 0.3231)$

Have a look what the booklet for
Yxy(65.1727, 0.3557, 0.3231)
contains.

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Color

Yxy(65.0041, 0.3559, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4CA
RGB	255, 196, 202
RGB Percent	100%, 77%, 79%
CMY	0.0000, 0.2314, 0.2077
CMYK	0.00, 0.23, 0.21, 0.00
HSL	354°, 100%, 88%
HSV	354°, 23%, 100%
XYZ	71.6474, 65.0041, 64.6619
YIQ	214.3250, 33.2380, 14.3740

Conversions

Conversions Part 2

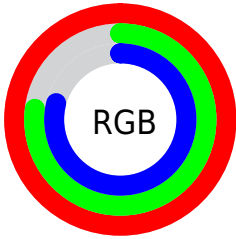
Format	Color
R _Y B	255, 196, 202
Decimal	16762058
CIE Lab	84.49, 21.92, 5.14
CIE LCh	84, 22.515, 13.201
Yxy	65.0041, 0.3559, 0.3229
Android (android.graphics.Color)	4294952138 (0xFFFFC4CA)
YUV	214.3250, -6.0762, 35.6720
Hunter-Lab	80.6251, 17.5299, 8.8866

Details

The Yxy color **65.0041, 0.3559, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.0931, 0.2814, 0.3353**, and the grayscale version is **67.4998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.3544, 0.3663, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **53.4559, 0.3824, 0.3201**, and if you desaturate by 10%, it is **78.6673, 0.3345, 0.3256**.

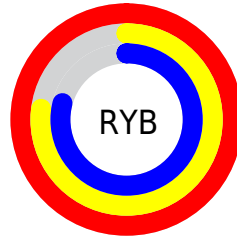
Distribution



Red (100%)

Green (77%)

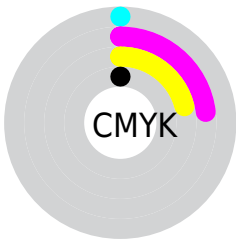
Blue (79%)



Red (100%)

Yellow (77%)

Blue (79%)

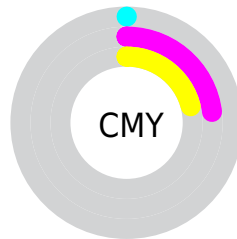


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0041, 0.3559, 0.3229 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 65.0041, 0.3559, 0.3229 by changing the saturation by 10% instead.


 65.0041, 0.3559,
0.3229

 65.0041, 0.3559,
0.3229


442.8067, 0.3354,
0.3260

 47.4644, 0.3607,
0.3221


 112.0558, 0.3487,
0.3241

 33.4029, 0.3668,
0.3211


142.3365, 0.3459,
0.3245

 22.4353, 0.3745,
0.3197


177.6330, 0.3435,
0.3248

 14.1771, 0.3848,
0.3178

218.3298, 0.3414,
0.3252

 8.2439, 0.3993,
0.3150

264.8111, 0.3396,
0.3254

 4.2514, 0.4208,
0.3105

317.4615, 0.3381,

 1.8152, 0.4562,

0.3257

0.3022

376.6652, 0.3366,
0.3259

0.4966, 0.6003,
0.2928

0.0000, 0.0000,
0.0000

65.0041, 0.3559,
0.3229

65.0041, 0.3559,
0.3229

53.4559, 0.3824,
0.3201

78.6673, 0.3345,
0.3256

43.9180, 0.4149,
0.3175

94.5452, 0.3174,
0.3282

36.2750, 0.4535,
0.3155

100.0000, 0.3127,
0.3290

30.4003, 0.4973,
0.3144

■ 26.1517, 0.5429,
0.3149

■ 23.3651, 0.5849,
0.3175

■ 21.8419, 0.6167,
0.3218

■ 21.3348, 0.6308,
0.3248

Harmonies

Analogous

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



65.0041, 0.3316, 0.3016



65.0041, 0.3559, 0.3229



65.0041, 0.3682, 0.3465

Triad

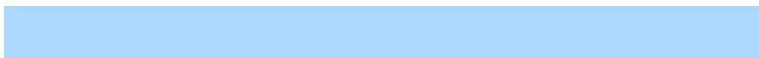
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0041, 0.3559, 0.3229



65.0041, 0.3205, 0.3759



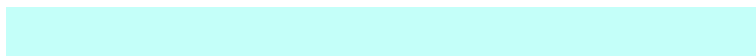
65.0041, 0.2628, 0.2893

Complementary

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



65.0041, 0.3559, 0.3229



90.0931, 0.2814, 0.3353

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.



65.0041, 0.2603, 0.3075



65.0041, 0.3559, 0.3229



65.0041, 0.2927, 0.3589

Square

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



65.0041, 0.3559, 0.3229



65.0041, 0.3470, 0.3784



65.0041, 0.2709, 0.3331



65.0041, 0.2781, 0.2824

Rectangle

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



65.0041, 0.3559, 0.3229



65.0041, 0.3677, 0.3609



65.0041, 0.2709, 0.3331



65.0041, 0.2605, 0.2942

Sweetspot

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



65.0037, 0.3559, 0.3229



88.1457, 0.3235, 0.3273



66.6760, 0.3103, 0.2703



18.6593, 0.3245, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

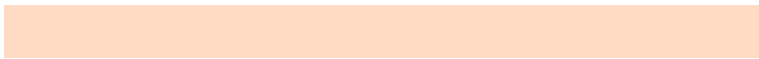
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0037, 0.3559, 0.3229



59.1319, 0.3681, 0.3216



75.7075, 0.3556, 0.3522



18.0172, 0.3278, 0.3266



11.1577, 0.6285, 0.3236



1.0959, 0.6069, 0.3117

Inverse Universe

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



65.0037, 0.3559, 0.3229



59.1319, 0.3681, 0.3216



76.8838, 0.2764, 0.3046



18.0172, 0.3278, 0.3266



11.1577, 0.6285, 0.3236



1.0959, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 65.0041, 0.3559, 0.3229 looks on a white background.

Color Contrast Check

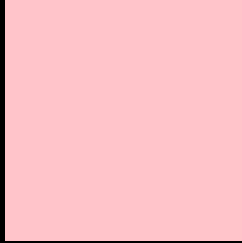
Large Text (above 18pt) WCAG AA × Fail

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 65.0041, 0.3559, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

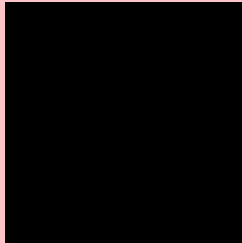
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0041, 0.3559, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 65.0041, 0.3559, 0.3229.



This preview shows how white text looks on a background with the Yxy color 65.0041, 0.3559, 0.3229.

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

65.0041, 0.3559, 0.3229

Protanopia

65.1934, 0.3164, 0.3290

Deuteranopia

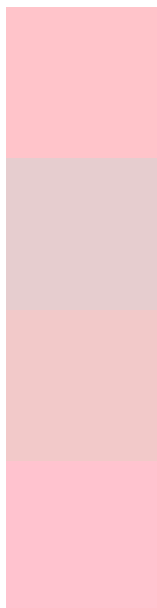
65.0649, 0.3391, 0.3323



Tritanopia

64.9434, 0.3497, 0.3137

Trichromacy



Original Color

65.0041, 0.3559, 0.3229

Protanomaly

64.9906, 0.3306, 0.3269

Deuteranomaly

64.8676, 0.3452, 0.3291

Tritanomaly

64.7952, 0.3521, 0.3168

Monochromacy



Original Color

65.0041, 0.3559, 0.3229

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.9368, 0.3274, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0041, 0.3559, 0.3229 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, 196, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 202)  
}
```

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, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 202) }
```

Border

The CSS property to change the border of an element to Yxy 65.0041, 0.3559, 0.3229 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, 196, 202) }
```

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

```
.border{ border-color:rgb(255, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0041, 0.3559, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 202) }
```

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

```
.background{ background-color: rgb(255,  
196, 202) }
```

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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