

Converting Colors

$Y_{xy}(65.2576, 0.3542, 0.3212)$

Have a look what the booklet for
Yxy(65.2576, 0.3542, 0.3212)
contains.

Yxy(65.0995, 0.3543, 0.3209)	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(65.0995, 0.3543, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4CC
RGB	255, 196, 204
RGB Percent	100%, 77%, 80%
CMY	0.0000, 0.2313, 0.2001
CMYK	0.00, 0.23, 0.20, 0.00
HSL	352°, 100%, 88%
HSV	352°, 23%, 100%
XYZ	71.8752, 65.0995, 65.8907
YIQ	214.5530, 32.5960, 14.9960

Conversions

Conversions Part 2

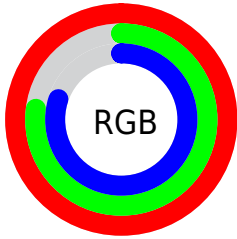
Format	Color
R _Y B	255, 196, 204
Decimal	16762060
CIE Lab	84.53, 22.19, 4.17
CIE LCh	85, 22.578, 10.639
Yxy	65.0995, 0.3543, 0.3209
Android (android.graphics.Color)	4294952140 (0xFFFFC4CC)
YUV	214.5530, -5.2026, 35.4720
Hunter-Lab	80.6843, 17.8140, 8.0599

Details

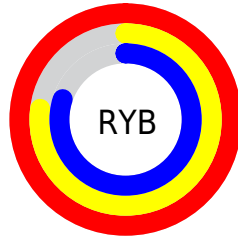
The Yxy color **65.0995, 0.3543, 0.3209** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9705, 0.2824, 0.3373**, and the grayscale version is **67.6574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.4183, 0.3641, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **53.5749, 0.3798, 0.3172**, and if you desaturate by 10%, it is **78.7347, 0.3337, 0.3245**.

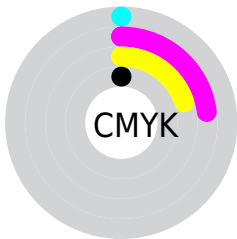
Distribution



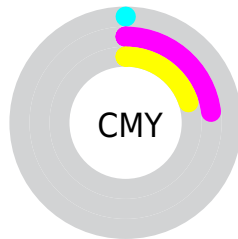
- Red (100%)
- Green (77%)
- Blue (80%)



- Red (100%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0995, 0.3543, 0.3209 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 65.0995, 0.3543, 0.3209 by changing the saturation by 10% instead.


 65.0995, 0.3543,
0.3209

 65.0995, 0.3543,
0.3209


443.1494, 0.3346,
0.3249

 47.5418, 0.3589,
0.3199


 112.1929, 0.3473,
0.3224

 33.4641, 0.3647,
0.3186


142.4973, 0.3447,
0.3229

 22.4822, 0.3722,
0.3170


177.8195, 0.3424,
0.3234

 14.2117, 0.3821,
0.3147

218.5437, 0.3404,
0.3238

 8.2680, 0.3959,
0.3114

265.0544, 0.3387,
0.3241

 4.2669, 0.4166,
0.3062

317.7360, 0.3371,

 1.8240, 0.4505,

0.3244

0.2970

376.9729, 0.3358,
0.3247

0.5021, 0.5767,
0.2807

0.0000, 0.0000,
0.0000

65.0995, 0.3543,
0.3209

65.0995, 0.3543,
0.3209

53.5749, 0.3798,
0.3172

78.7347, 0.3337,
0.3245

44.0470, 0.4109,
0.3137

94.5694, 0.3172,
0.3280

36.4047, 0.4480,
0.3109

99.9989, 0.3127,
0.3290

30.5222, 0.4902,
0.3093

■ 26.2585, 0.5347,
0.3096

■ 23.4511, 0.5766,
0.3126

■ 21.9028, 0.6098,
0.3179

■ 21.3770, 0.6255,
0.3220

Harmonies

Analogous

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



65.0995, 0.3293, 0.3000



65.0995, 0.3543, 0.3209



65.0995, 0.3679, 0.3446

Triad

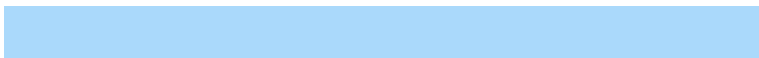
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0995, 0.3543, 0.3209



65.0995, 0.3229, 0.3768



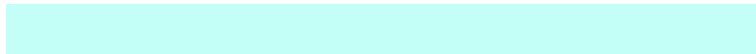
65.0995, 0.2619, 0.2904

Complementary

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



65.0995, 0.3543, 0.3209



89.9705, 0.2824, 0.3373

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.



65.0995, 0.2605, 0.3094



65.0995, 0.3543, 0.3209



65.0995, 0.2949, 0.3609

Square

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



65.0995, 0.3543, 0.3209



65.0995, 0.3490, 0.3780



65.0995, 0.2723, 0.3354



65.0995, 0.2762, 0.2824

Rectangle

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



65.0995, 0.3543, 0.3209



65.0995, 0.3683, 0.3592



65.0995, 0.2723, 0.3354



65.0995, 0.2600, 0.2956

Sweetspot

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



65.1025, 0.3543, 0.3209



88.1805, 0.3232, 0.3267



66.3239, 0.3089, 0.2701



18.6673, 0.3241, 0.3265



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.



65.1025, 0.3543, 0.3209



59.2363, 0.3660, 0.3191



74.6931, 0.3560, 0.3502



18.0270, 0.3273, 0.3258



11.1827, 0.6228, 0.3204



1.1005, 0.5972, 0.3063

Inverse Universe

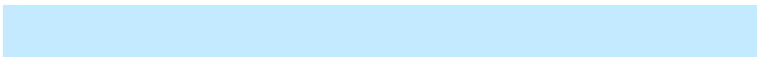
The Inverse Universe completely reimagines the original color for something new.



65.1025, 0.3543, 0.3209



59.2363, 0.3660, 0.3191



78.0021, 0.2766, 0.3067



18.0270, 0.3273, 0.3258



11.1827, 0.6228, 0.3204



1.1005, 0.5972, 0.3063

Previews

White Background



This preview shows how the Yxy color 65.0995, 0.3543, 0.3209 looks on a white background.

Color Contrast Check

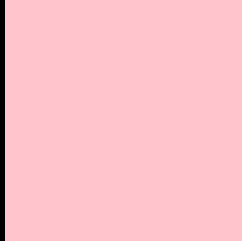
Large Text (above 18pt) WCAG AA × Fail

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 65.0995, 0.3543, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

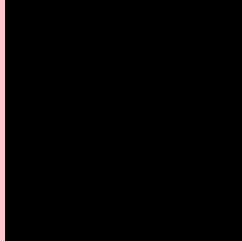
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0995, 0.3543, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 65.0995, 0.3543, 0.3209.



This preview shows how white text looks on a background with the Yxy color 65.0995, 0.3543, 0.3209.

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

65.0995, 0.3543, 0.3209

Protanopia

65.2937, 0.3151, 0.3268

Deuteranopia

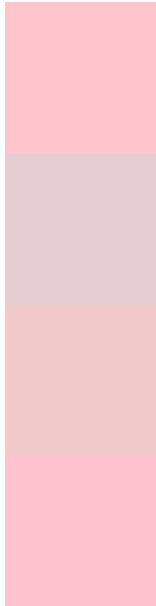
65.1122, 0.3384, 0.3312



Tritanopia

64.9434, 0.3497, 0.3137

Trichromacy



Original Color

65.0995, 0.3543, 0.3209

Protanomaly

65.0891, 0.3291, 0.3247

Deuteranomaly

64.9623, 0.3437, 0.3270

Tritanomaly

64.8443, 0.3513, 0.3157

Monochromacy



Original Color

65.0995, 0.3543, 0.3209

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.6379, 0.3273, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0995, 0.3543, 0.3209 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 204) }
```

Border

The CSS property to change the border of an element to Yxy 65.0995, 0.3543, 0.3209 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, 204) }
```

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

```
.border{ border-color:rgb(255, 196, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0995, 0.3543, 0.3209 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
196, 204) }
```

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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