

Converting Colors

$Y_{xy}(65.9720, 0.3501, 0.3261)$

Have a look what the booklet for
Yxy(65.9720, 0.3501, 0.3261)
contains.

Yxy(65.9443, 0.3503, 0.3260)	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(65.9443, 0.3503, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FAC8CB
RGB	250, 200, 203
RGB Percent	98%, 78%, 80%
CMY	0.0195, 0.2157, 0.2040
CMYK	0.00, 0.20, 0.19, 0.02
HSL	356°, 83%, 88%
HSV	356°, 20%, 98%
XYZ	70.8598, 65.9443, 65.4790
YIQ	215.2920, 28.8370, 11.5330

Conversions

Conversions Part 2

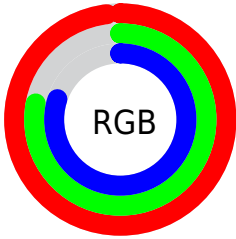
Format	Color
R _Y B	250, 200, 203
Decimal	16435403
CIE Lab	84.97, 18.17, 5.27
CIE LCh	85, 18.916, 16.170
Yxy	65.9443, 0.3503, 0.3260
Android (android.graphics.Color)	4294625483 (0xFFFA8CB)
YUV	215.2920, -6.0600, 30.4389
Hunter-Lab	81.2061, 13.6470, 9.0369

Details

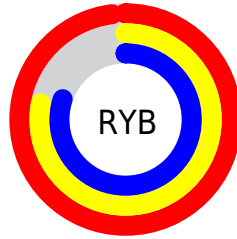
The Yxy color **65.9443, 0.3503, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3784, 0.2843, 0.3321**, and the grayscale version is **68.1921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0652, 0.3598, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **54.2606, 0.3763, 0.3244**, and if you desaturate by 10%, it is **79.6975, 0.3294, 0.3276**.

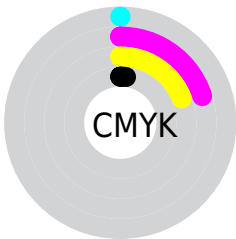
Distribution



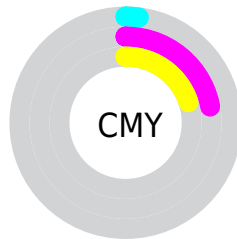
- Red (98%)
- Green (78%)
- Blue (80%)



- Red (98%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (2%)




- Cyan (2%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9443, 0.3503, 0.3260 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 65.9443, 0.3503, 0.3260 by changing the saturation by 10% instead.


 65.9443, 0.3503,
0.3260

 65.9443, 0.3503,
0.3260


446.1777, 0.3325,
0.3276

 48.2272, 0.3545,
0.3256


113.4064, 0.3440,
0.3266

 34.0068, 0.3597,
0.3250


143.9201, 0.3416,
0.3268

 22.8989, 0.3664,
0.3242


179.4682, 0.3396,
0.3270

 14.5188, 0.3753,
0.3231

220.4351, 0.3378,
0.3272

 8.4824, 0.3878,
0.3215

267.2050, 0.3362,
0.3273

 4.4051, 0.4063,
0.3187


320.1625, 0.3348,

 1.9027, 0.4368,

0.3274

0.3134


379.6919, 0.3336,
0.3275

 0.5500, 0.5547,
0.3137


 0.0000, 0.0000,
0.0000


 65.9443, 0.3503,
0.3260

 65.9443, 0.3503,
0.3260


 54.2606, 0.3763,
0.3244


 79.6975, 0.3294,
0.3276

 44.5379, 0.4084,
0.3229

 95.6040, 0.3127,
0.3290

 36.6714, 0.4470,
0.3217

 99.0669, 0.3096,
0.3290

 30.5429, 0.4912,
0.3210

■ 26.0207, 0.5381,
0.3211

■ 22.9541, 0.5821,
0.3225

■ 21.1642, 0.6162,
0.3249

■ 20.3610, 0.6356,
0.3275

Harmonies

Analogous

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



65.9443, 0.3309, 0.3075



65.9443, 0.3503, 0.3260



65.9443, 0.3593, 0.3459

Triad

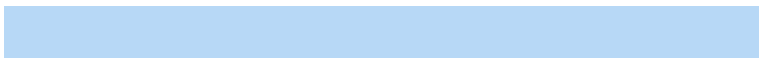
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9443, 0.3503, 0.3260



65.9443, 0.3170, 0.3670



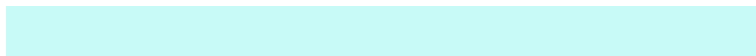
65.9443, 0.2715, 0.2948

Complementary

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



65.9443, 0.3503, 0.3260



87.3784, 0.2843, 0.3321

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.



65.9443, 0.2683, 0.3093



65.9443, 0.3503, 0.3260



65.9443, 0.2939, 0.3520

Square

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



65.9443, 0.3503, 0.3260



65.9443, 0.3396, 0.3706



65.9443, 0.2763, 0.3304



65.9443, 0.2855, 0.2897

Rectangle

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



65.9443, 0.3503, 0.3260



65.9443, 0.3581, 0.3576



65.9443, 0.2763, 0.3304



65.9443, 0.2692, 0.2987

Sweetspot

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



65.9473, 0.3503, 0.3260



89.7313, 0.3223, 0.3281



67.9291, 0.3126, 0.2788



18.9777, 0.3234, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

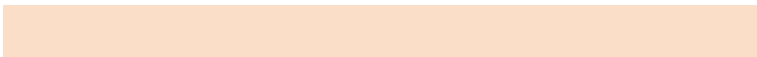
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9473, 0.3503, 0.3260



63.8061, 0.3601, 0.3254



76.5671, 0.3483, 0.3514



17.2419, 0.3285, 0.3276



10.8052, 0.6340, 0.3266



1.0064, 0.6194, 0.3186

Inverse Universe

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



65.9473, 0.3503, 0.3260



63.8061, 0.3601, 0.3254



74.8586, 0.2812, 0.3055



17.2419, 0.3285, 0.3276



10.8052, 0.6340, 0.3266



1.0064, 0.6194, 0.3186

Previews

White Background



This preview shows how the Yxy color 65.9443, 0.3503, 0.3260 looks on a white background.

Color Contrast Check

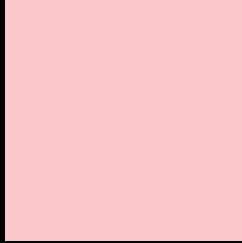
Large Text (above 18pt) WCAG AA × Fail

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 65.9443, 0.3503, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

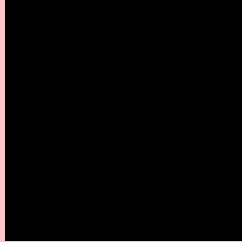
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9443, 0.3503, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 65.9443, 0.3503, 0.3260.



This preview shows how white text looks on a background with the Yxy color 65.9443, 0.3503, 0.3260.

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

65.9443, 0.3503, 0.3260

Protanopia

65.9437, 0.3186, 0.3313

Deuteranopia

65.9314, 0.3398, 0.3323



Tritanopia

65.7524, 0.3428, 0.3125

Trichromacy



Original Color

65.9443, 0.3503, 0.3260

Protanomaly

65.7887, 0.3296, 0.3291

Deuteranomaly

65.8534, 0.3441, 0.3302

Tritanomaly

66.0092, 0.3458, 0.3177

Monochromacy



Original Color

65.9443, 0.3503, 0.3260

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2903, 0.3256, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9443, 0.3503, 0.3260 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(250, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 203)  
}
```

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(250, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 203) }
```

Border

The CSS property to change the border of an element to Yxy 65.9443, 0.3503, 0.3260 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(250, 200, 203) }
```

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

```
.border{ border-color:rgb(250, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9443, 0.3503, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 203) }
```

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

```
.background{ background-color: rgb(250,  
200, 203) }
```

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