

Converting Colors

$Y_{xy}(71.2299, 0.3768, 0.3223)$

Have a look what the booklet for
Yxy(71.2299, 0.3768, 0.3223)
contains.

| | |
|--|----|
| Yxy(65.5521, 0.3541, 0.3219) | 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(65.5521, 0.3541, 0.3219)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC5CC |
| RGB | 255, 197, 204 |
| RGB Percent | 100%, 77%, 80% |
| CMY | 0.0000, 0.2275, 0.2000 |
| CMYK | 0.00, 0.23, 0.20, 0.00 |
| HSL | 353°, 100%, 89% |
| HSV | 353°, 23%, 100% |
| XYZ | 72.1093, 65.5521, 65.9797 |
| YIQ | 215.1400, 32.3210, 14.4730 |

Conversions

Conversions Part 2

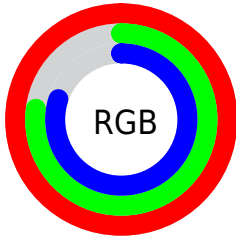
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 197, 204 |
| Decimal | 16762316 |
| CIE Lab | 84.77, 21.68, 4.49 |
| CIE LCh | 85, 22.142, 11.707 |
| Yxy | 65.5521, 0.3541, 0.3219 |
| Android (android.graphics.Color) | 4294952396 (0xFFFFC5CC) |
| YUV | 215.1400, -5.4920, 34.9572 |
| Hunter-Lab | 80.9643, 17.2904, 8.3581 |

Details

The Yxy color **65.5521, 0.3541, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1675, 0.2825, 0.3363**, and the grayscale version is **68.0756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.7172, 0.3638, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **53.9352, 0.3798, 0.3186**, and if you desaturate by 10%, it is **79.2828, 0.3333, 0.3251**.

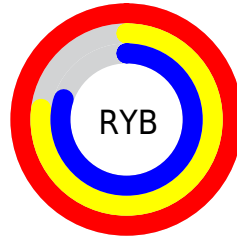
Distribution



Red (100%)

Green (77%)

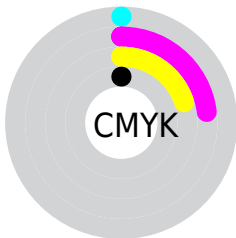
Blue (80%)



Red (100%)

Yellow (77%)

Blue (80%)

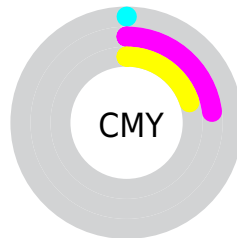


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5521, 0.3541, 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 65.5521, 0.3541, 0.3219 by changing the saturation by 10% instead.

 65.5521, 0.3541,
0.3219

 65.5521, 0.3541,
0.3219


444.7733, 0.3345,
0.3255

 47.9089, 0.3587,
0.3210

112.8432, 0.3472,
0.3232

 33.7547, 0.3645,
0.3199


143.2600, 0.3445,
0.3237

 22.7053, 0.3718,
0.3184


178.7033, 0.3423,
0.3241

 14.3760, 0.3817,
0.3163

219.5577, 0.3403,
0.3244

 8.3827, 0.3954,
0.3133

266.2075, 0.3386,
0.3248

 4.3408, 0.4158,
0.3086


319.0371, 0.3370,

 1.8659, 0.4493,


0.3250


0.3001


378.4309, 0.3357,
0.3253


 0.5278, 0.5701,
0.2878


 0.0000, 0.0000,
0.0000


 65.5521, 0.3541,
0.3219


 65.5521, 0.3541,
0.3219

 53.9352, 0.3798,
0.3186

 79.2828, 0.3333,
0.3251

 44.3265, 0.4113,
0.3155

 95.2247, 0.3167,
0.3282

 36.6122, 0.4489,
0.3129

100.0000, 0.3127,
0.3290

 30.6666, 0.4916,
0.3115

■ 26.3489, 0.5366,
0.3119

■ 23.4970, 0.5788,
0.3146

■ 21.9147, 0.6119,
0.3194

■ 21.3578, 0.6280,
0.3233

Harmonies

Analogous

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



65.5521, 0.3299, 0.3012



65.5521, 0.3541, 0.3219



65.5521, 0.3669, 0.3451

Triad

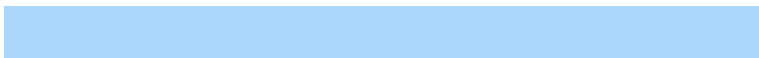
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5521, 0.3541, 0.3219



65.5521, 0.3217, 0.3754



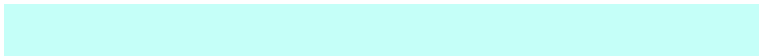
65.5521, 0.2633, 0.2907

Complementary

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



65.5521, 0.3541, 0.3219



90.1675, 0.2825, 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.



65.5521, 0.2614, 0.3090



65.5521, 0.3541, 0.3219



65.5521, 0.2944, 0.3594

Square

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



65.5521, 0.3541, 0.3219



65.5521, 0.3475, 0.3772



65.5521, 0.2726, 0.3344



65.5521, 0.2777, 0.2833

Rectangle

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



65.5521, 0.3541, 0.3219



65.5521, 0.3669, 0.3593



65.5521, 0.2726, 0.3344



65.5521, 0.2612, 0.2957

Sweetspot

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



65.5523, 0.3541, 0.3219



88.1653, 0.3233, 0.3269



66.9752, 0.3097, 0.2712



18.6638, 0.3243, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

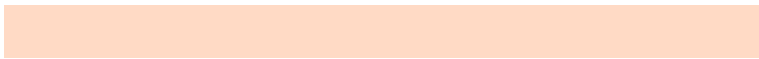
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5523, 0.3541, 0.3219



60.3569, 0.3644, 0.3205



75.5724, 0.3549, 0.3508



18.0227, 0.3275, 0.3262



11.1710, 0.6254, 0.3219



1.0985, 0.6014, 0.3086

Inverse Universe

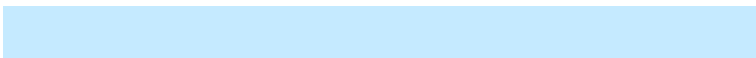
The Inverse Universe completely reimagines the original color for something new.



65.5523, 0.3541, 0.3219



60.3569, 0.3644, 0.3205



77.7842, 0.2771, 0.3061



18.0227, 0.3275, 0.3262



11.1710, 0.6254, 0.3219



1.0985, 0.6014, 0.3086

Previews

White Background



This preview shows how the Yxy color 65.5521, 0.3541, 0.3219 looks on a white background.

Color Contrast Check

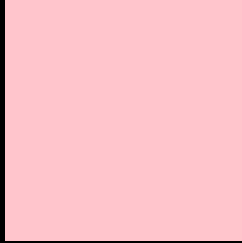
Large Text (above 18pt) WCAG AA × Fail

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 65.5521, 0.3541, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

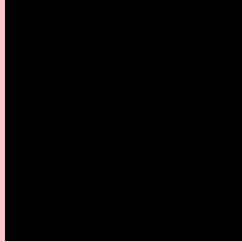
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5521, 0.3541, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 65.5521, 0.3541, 0.3219.



This preview shows how white text looks on a background with the Yxy color 65.5521, 0.3541, 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

65.5521, 0.3541, 0.3219

Protanopia

65.9409, 0.3157, 0.3279

Deuteranopia

65.8073, 0.3383, 0.3312



Tritanopia

65.4430, 0.3487, 0.3137

Trichromacy



Original Color

65.5521, 0.3541, 0.3219

Protanomaly

65.5691, 0.3290, 0.3258

Deuteranomaly

65.6075, 0.3443, 0.3280

Tritanomaly

65.2939, 0.3511, 0.3168

Monochromacy



Original Color

65.5521, 0.3541, 0.3219

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 65.5521, 0.3541, 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, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 204) }
```

Border

The CSS property to change the border of an element to Yxy 65.5521, 0.3541, 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, 197, 204) }
```

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

```
.border{ border-color:rgb(255, 197, 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, 197, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5521, 0.3541, 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, 197, 204) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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