

Converting Colors

Yxy(63.4391, 0.3560, 0.3233)

Have a look what the booklet for
Yxy(63.4391, 0.3560, 0.3233)
contains.

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Color

Yxy(63.4492, 0.3555, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FCC2C8
RGB	252, 194, 200
RGB Percent	99%, 76%, 78%
CMY	0.0118, 0.2392, 0.2158
CMYK	0.00, 0.23, 0.21, 0.01
HSL	354°, 91%, 87%
HSV	354°, 23%, 99%
XYZ	69.8550, 63.4492, 63.1938
YIQ	212.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

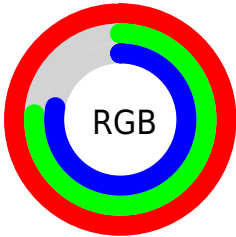
Format	Color
RYB	252, 194, 200
Decimal	16564936
CIELab	83.68, 21.57, 5.03
CIELCh	84, 22.153, 13.127
Yxy	63.4492, 0.3555, 0.3229
Android (android.graphics.Color)	4294755016 (0xFFFC2C8)
YUV	212.0260, -5.9288, 35.0572
Hunter-Lab	79.6550, 17.1428, 8.7212

Details

The Yxy color **63.4492, 0.3555, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7369, 0.2816, 0.3353**, and the grayscale version is **65.8808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.4336, 0.3670, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **52.1896, 0.3819, 0.3201**, and if you desaturate by 10%, it is **76.7726, 0.3342, 0.3257**.

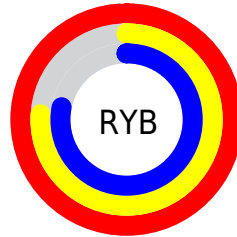
Distribution



Red (99%)

Green (76%)

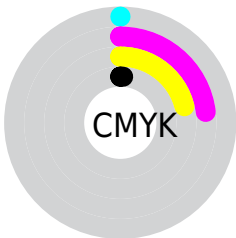
Blue (78%)



Red (99%)

Yellow (76%)

Blue (78%)

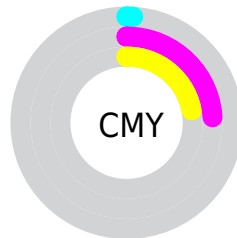


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (24%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4492, 0.3555, 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 63.4492, 0.3555, 0.3229 by changing the saturation by 10% instead.


 63.4492, 0.3555,
0.3229

 63.4492, 0.3555,
0.3229

437.1979, 0.3351,
0.3260

 46.2047, 0.3603,
0.3221


 109.8173, 0.3483,
0.3241

 32.4074, 0.3664,
0.3211


139.7097, 0.3455,
0.3245

 21.6729, 0.3742,
0.3197


174.5869, 0.3432,
0.3248

 13.6167, 0.3846,
0.3178

214.8332, 0.3411,
0.3252

 7.8546, 0.3992,
0.3149

260.8331, 0.3393,
0.3254

 4.0020, 0.4211,
0.3102


312.9709, 0.3377,

 1.6747, 0.4576,


0.3257


0.3016


371.6310, 0.3363,
0.3259

 0.4072, 0.6474,
0.2879


 0.0000, 0.0000,
0.0000


 63.4492, 0.3555,
0.3229


 63.4492, 0.3555,
0.3229


 52.1896, 0.3819,
0.3201


 76.7726, 0.3342,
0.3257

 42.8823, 0.4142,
0.3175

 92.2466, 0.3171,
0.3283

 35.4188, 0.4527,
0.3154

 99.4323, 0.3109,
0.3290

 29.6762, 0.4963,
0.3143

■ 25.5167, 0.5419,
0.3148

■ 22.7814, 0.5840,
0.3173

■ 21.2782, 0.6161,
0.3216

■ 20.7665, 0.6306,
0.3248

Harmonies

Analogous

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



63.4492, 0.3314, 0.3018



63.4492, 0.3555, 0.3229



63.4492, 0.3677, 0.3463

Triad

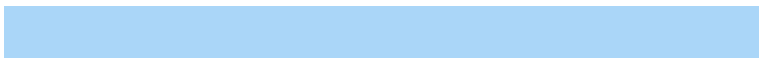
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4492, 0.3555, 0.3229



63.4492, 0.3205, 0.3755



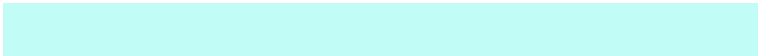
63.4492, 0.2632, 0.2897

Complementary

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



63.4492, 0.3555, 0.3229



87.7369, 0.2816, 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.



63.4492, 0.2607, 0.3077



63.4492, 0.3555, 0.3229



63.4492, 0.2929, 0.3587

Square

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



63.4492, 0.3555, 0.3229



63.4492, 0.3468, 0.3780



63.4492, 0.2713, 0.3332



63.4492, 0.2783, 0.2827

Rectangle

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



63.4492, 0.3555, 0.3229



63.4492, 0.3673, 0.3606



63.4492, 0.2713, 0.3332



63.4492, 0.2609, 0.2946

Sweetspot

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



63.4521, 0.3555, 0.3229



88.1464, 0.3235, 0.3272



65.0701, 0.3103, 0.2707



18.6594, 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.



63.4521, 0.3555, 0.3229



59.1341, 0.3680, 0.3215



73.8212, 0.3553, 0.3521



17.2542, 0.3278, 0.3266



10.8289, 0.6283, 0.3235



1.0123, 0.6055, 0.3109

Inverse Universe

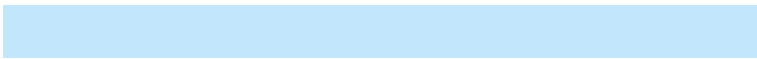
The Inverse Universe completely reimagines the original color for something new.



63.4521, 0.3555, 0.3229



59.1341, 0.3680, 0.3215



74.9602, 0.2767, 0.3047



17.2542, 0.3278, 0.3266



10.8289, 0.6283, 0.3235



1.0123, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 63.4492, 0.3555, 0.3229 looks on a white background.

Color Contrast Check

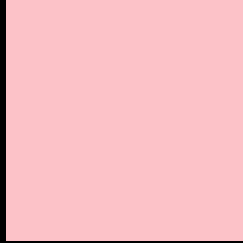
Large Text (above 18pt) WCAG AA × Fail

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 63.4492, 0.3555, 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 63.4492, 0.3555, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 63.4492, 0.3555, 0.3229.



This preview shows how white text looks on a background with the Yxy color 63.4492, 0.3555, 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

63.4492, 0.3555, 0.3229

Protanopia

63.8120, 0.3165, 0.3290

Deuteranopia

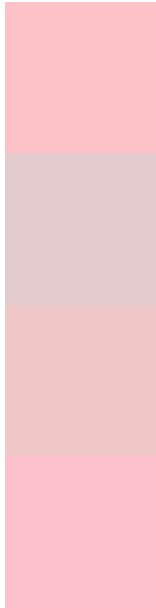
63.6882, 0.3394, 0.3324



Tritanopia

63.5766, 0.3500, 0.3136

Trichromacy



Original Color

63.4492, 0.3555, 0.3229

Protanomaly

63.4505, 0.3299, 0.3268

Deuteranomaly

63.4956, 0.3455, 0.3291

Tritanomaly

63.4304, 0.3524, 0.3167

Monochromacy



Original Color

63.4492, 0.3555, 0.3229

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.5476, 0.3275, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4492, 0.3555, 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(252, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(252, 194, 200)  
}
```

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(252, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 194, 200) }
```

Border

The CSS property to change the border of an element to Yxy 63.4492, 0.3555, 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(252, 194, 200) }
```

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

```
.border{ border-color:rgb(252, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(252, 194,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4492, 0.3555, 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(252, 194, 200) }
```

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

```
.background{ background-color: rgb(252,  
194, 200) }
```

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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