

Converting Colors

$Y_{xy}(72.0653, 0.3943, 0.3237)$

Have a look what the booklet for
Yxy(72.0653, 0.3943, 0.3237)
contains.

Yxy(63.0365, 0.3600, 0.3229)	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(63.0365, 0.3600, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0C6
RGB	255, 192, 198
RGB Percent	100%, 75%, 78%
CMY	0.0001, 0.2470, 0.2234
CMYK	0.00, 0.25, 0.22, 0.00
HSL	354°, 100%, 88%
HSV	354°, 25%, 100%
XYZ	70.2792, 63.0365, 61.9042
YIQ	211.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

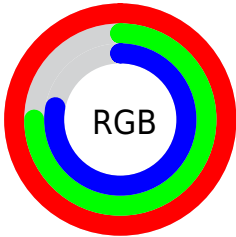
Format	Color
R_{YB}	255, 192, 198
Decimal	16761030
CIE _{Lab}	83.46, 23.42, 5.80
CIE _{LCh}	83, 24.127, 13.911
Yxy	63.0365, 0.3600, 0.3229
Android (android.graphics.Color)	4294951110 (0xFFFFC0C6)
YUV	211.5210, -6.6659, 38.1311
Hunter-Lab	79.3955, 19.0621, 9.3488

Details

The Yxy color **63.0365, 0.3600, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5523, 0.2793, 0.3353**, and the grayscale version is **65.5333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **32.0609, 0.3721, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **51.8098, 0.3876, 0.3203**, and if you desaturate by 10%, it is **76.3707, 0.3377, 0.3255**.

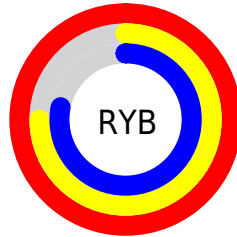
Distribution



Red (100%)

Green (75%)

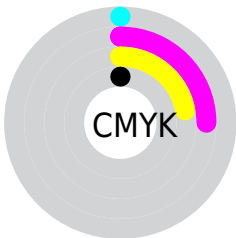
Blue (78%)



Red (100%)

Yellow (75%)

Blue (78%)

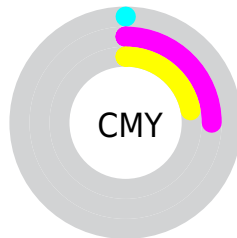


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0365, 0.3600, 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 63.0365, 0.3600, 0.3229 by changing the saturation by 10% instead.


 63.0365, 0.3600,
0.3229

 63.0365, 0.3600,
0.3229

435.7019, 0.3374,
0.3261

 45.8707, 0.3653,
0.3221


 109.2222, 0.3520,
0.3241

 32.1438, 0.3720,
0.3210


139.0109, 0.3489,
0.3245

 21.4714, 0.3807,
0.3195


173.7760, 0.3463,
0.3249

 13.4690, 0.3923,
0.3175

213.9019, 0.3441,
0.3252

 7.7523, 0.4085,
0.3144

259.7731, 0.3421,
0.3255

 3.9369, 0.4329,
0.3093


311.7739, 0.3403,

 1.6383, 0.4734,


0.3257


0.2998


370.2887, 0.3388,
0.3259

 0.3832, 0.7040,
0.2872


 0.0000, 0.0000,
0.0000


 63.0365, 0.3600,
0.3229


 63.0365, 0.3600,
0.3229

 51.8098, 0.3876,
0.3203

 76.3707, 0.3377,
0.3255

 42.5746, 0.4213,
0.3180

 91.9034, 0.3198,
0.3279

 35.2169, 0.4612,
0.3161

99.9961, 0.3127,
0.3290

 29.6079, 0.5058,
0.3154

■ 25.6022, 0.5514,
0.3162

■ 23.0313, 0.5922,
0.3189

■ 21.6886, 0.6216,
0.3232

■ 21.3235, 0.6317,
0.3253

Harmonies

Analogous

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



63.0365, 0.3338, 0.2999



63.0365, 0.3600, 0.3229



63.0365, 0.3730, 0.3483

Triad

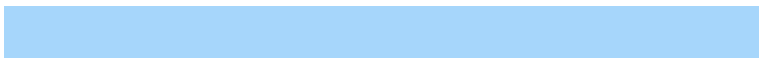
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.0365, 0.3600, 0.3229



63.0365, 0.3203, 0.3797



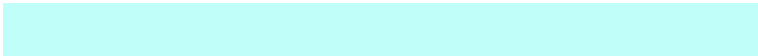
63.0365, 0.2591, 0.2858

Complementary

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



63.0365, 0.3600, 0.3229



89.5523, 0.2793, 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.



63.0365, 0.2560, 0.3050



63.0365, 0.3600, 0.3229



63.0365, 0.2903, 0.3609

Square

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



63.0365, 0.3600, 0.3229



63.0365, 0.3491, 0.3827



63.0365, 0.2671, 0.3327



63.0365, 0.2758, 0.2787

Rectangle

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



63.0365, 0.3600, 0.3229



63.0365, 0.3721, 0.3638



63.0365, 0.2671, 0.3327



63.0365, 0.2565, 0.2909

Sweetspot

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



63.0394, 0.3600, 0.3229



88.1387, 0.3236, 0.3274



65.0050, 0.3109, 0.2664



18.6577, 0.3246, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

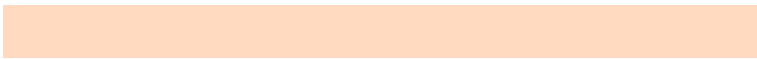
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0394, 0.3600, 0.3229



56.8370, 0.3739, 0.3215



74.7910, 0.3588, 0.3549



18.0152, 0.3279, 0.3268



11.1534, 0.6295, 0.3241



1.0950, 0.6089, 0.3128

Inverse Universe

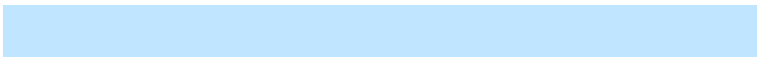
The Inverse Universe completely reimagines the original color for something new.



63.0394, 0.3600, 0.3229



56.8370, 0.3739, 0.3215



74.9051, 0.2739, 0.3016



18.0152, 0.3279, 0.3268



11.1534, 0.6295, 0.3241



1.0950, 0.6089, 0.3128

Previews

White Background



This preview shows how the Yxy color 63.0365, 0.3600, 0.3229 looks on a white background.

Color Contrast Check

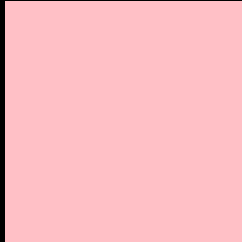
Large Text (above 18pt) WCAG AA × Fail

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 63.0365, 0.3600, 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 63.0365, 0.3600, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 63.0365, 0.3600, 0.3229.



This preview shows how white text looks on a background with the Yxy color 63.0365, 0.3600, 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

63.0365, 0.3600, 0.3229

Protanopia

63.1277, 0.3165, 0.3290

Deuteranopia

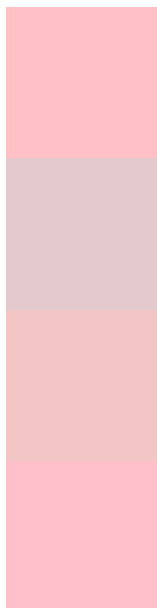
63.0824, 0.3419, 0.3346



Tritanopia

62.9778, 0.3537, 0.3136

Trichromacy



Original Color

63.0365, 0.3600, 0.3229

Protanomaly

63.0947, 0.3316, 0.3268

Deuteranomaly

63.1202, 0.3481, 0.3302

Tritanomaly

62.8334, 0.3561, 0.3167

Monochromacy



Original Color

63.0365, 0.3600, 0.3229

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.6616, 0.3290, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0365, 0.3600, 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, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 198)  
}
```

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, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 198) }
```

Border

The CSS property to change the border of an element to Yxy 63.0365, 0.3600, 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, 192, 198) }
```

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

```
.border{ border-color:rgb(255, 192, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0365, 0.3600, 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, 192, 198) }
```

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

```
.background{ background-color: rgb(255,  
192, 198) }
```

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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