

Converting Colors

Yxy(53.4902, 0.3301, 0.2930)

Have a look what the booklet for
Yxy(53.4902, 0.3301, 0.2930)
contains.

Yxy(53.7663, 0.3305, 0.2937)	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(53.7663, 0.3305, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	E6B3D3
RGB	230, 179, 211
RGB Percent	90%, 70%, 83%
CMY	0.0981, 0.2980, 0.1727
CMYK	0.00, 0.22, 0.08, 0.10
HSL	322°, 50%, 80%
HSV	322°, 22%, 90%
XYZ	60.5031, 53.7663, 68.7960
YIQ	197.8970, 20.1240, 20.7640

Conversions

Conversions Part 2

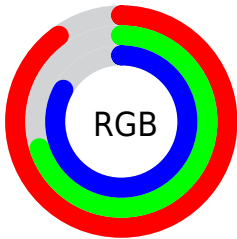
Format	Color
R _Y B	230, 179, 211
Decimal	15119315
CIE Lab	78.33, 23.54, -8.99
CIE LCh	78, 25.197, 339.100
Yxy	53.7663, 0.3305, 0.2937
Android (android.graphics.Color)	4293309395 (0xFFE6B3D3)
YUV	197.8970, 6.4598, 28.1543
Hunter-Lab	73.3255, 18.9661, -4.2996

Details

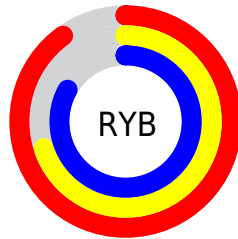
The Yxy color $53.7663, 0.3305, 0.2937$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $70.2475, 0.2984, 0.3672$, and the grayscale version is $56.3570, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $26.3207, 0.3355, 0.2857$ is the 20% darker color. If you saturate the color by 10%, you get $44.8861, 0.3409, 0.2771$, and if you desaturate by 10%, it is $64.2117, 0.3216, 0.3100$.

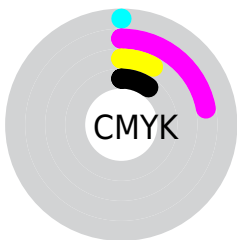
Distribution



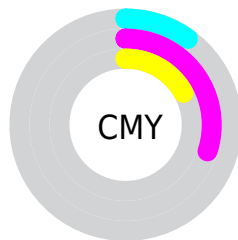
- Red (90%)
- Green (70%)
- Blue (83%)



- Red (90%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7663, 0.3305, 0.2937 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 53.7663, 0.3305, 0.2937 by changing the saturation by 10% instead.


 53.7663, 0.3305,
0.2937

 53.7663, 0.3305,
0.2937


401.2182, 0.3221,
0.3104

 38.4149, 0.3325,
0.2898


 95.7310, 0.3275,
0.2996

 26.3048, 0.3350,
0.2849


123.1131, 0.3264,
0.3018

 17.0518, 0.3381,
0.2786


155.2742, 0.3254,
0.3038

 10.2714, 0.3424,
0.2703

192.5986, 0.3246,
0.3055

 5.5793, 0.3483,
0.2586

235.4708, 0.3238,
0.3069

 2.5910, 0.3572,
0.2413

284.2753, 0.3232,

 0.9221, 0.3717,

0.3082

0.2130

339.3963, 0.3226,
0.3094

0.0000, 0.4829,
0.0000

0.0000, 0.0000,
0.0000

53.7663, 0.3305,
0.2937

53.7663, 0.3305,
0.2937

44.8861, 0.3409,
0.2771

64.2117, 0.3216,
0.3100

37.4873, 0.3530,
0.2609

76.2863, 0.3142,
0.3257

31.4893, 0.3668,
0.2458

90.0593, 0.3079,
0.3405

26.8007, 0.3820,
0.2330

94.9500, 0.3029,
0.3387

■ 23.3195, 0.3984,
0.2237

■ 95.4871, 0.2982,
0.3301

■ 20.9281, 0.4154,
0.2189

■ 95.5599, 0.2976,
0.3290

■ 19.4850, 0.4323,
0.2192

■ 18.8392, 0.4452,
0.2226

Harmonies

Analogous

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



53.7663, 0.2964, 0.2780



53.7663, 0.3305, 0.2937



53.7663, 0.3610, 0.3178

Triad

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



53.7663, 0.3305, 0.2937



53.7663, 0.3571, 0.3869



53.7663, 0.2515, 0.3067

Complementary

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



53.7663, 0.3305, 0.2937



70.2475, 0.2984, 0.3672

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.



53.7663, 0.2659, 0.3381



53.7663, 0.3305, 0.2937



53.7663, 0.3263, 0.3869

Square

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



53.7663, 0.3305, 0.2937



53.7663, 0.3764, 0.3709



53.7663, 0.2930, 0.3686



53.7663, 0.2523, 0.2839

Rectangle

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



53.7663, 0.3305, 0.2937



53.7663, 0.3744, 0.3362



53.7663, 0.2930, 0.3686



53.7663, 0.2547, 0.3166

Sweetspot

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



53.7687, 0.3305, 0.2937



88.7138, 0.3176, 0.3182



49.9249, 0.2895, 0.2696



18.7906, 0.3181, 0.3172



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.



53.7687, 0.3305, 0.2937



62.1158, 0.3355, 0.2854



52.6043, 0.3519, 0.3214



14.5192, 0.3195, 0.3144



10.6921, 0.4427, 0.2212



0.8080, 0.4202, 0.2089

Inverse Universe

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



53.7687, 0.3305, 0.2937



62.1158, 0.3355, 0.2854



71.5067, 0.2837, 0.3368



14.5192, 0.3195, 0.3144



10.6921, 0.4427, 0.2212



0.8080, 0.4202, 0.2089

Previews

White Background



This preview shows how the Yxy color 53.7663, 0.3305, 0.2937 looks on a white background.

Color Contrast Check

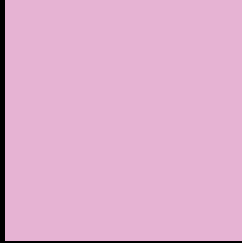
Large Text (above 18pt) WCAG AA × Fail

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 53.7663, 0.3305, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

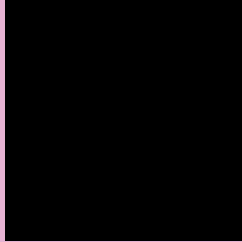
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7663, 0.3305, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 53.7663, 0.3305, 0.2937.



This preview shows how white text looks on a background with the Yxy color 53.7663, 0.3305, 0.2937.

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

53.7663, 0.3305, 0.2937

Protanopia

54.2544, 0.2911, 0.2967

Deuteranopia

54.1205, 0.3114, 0.3055



Tritanopia

53.9354, 0.3409, 0.3133

Trichromacy



Original Color

53.7663, 0.3305, 0.2937

Protanomaly

53.9553, 0.3047, 0.2952

Deuteranomaly

53.7981, 0.3182, 0.3003

Tritanomaly

53.9228, 0.3377, 0.3067

Monochromacy



Original Color

53.7663, 0.3305, 0.2937

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.2750, 0.3191, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7663, 0.3305, 0.2937 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(230, 179, 211)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 211)  
}
```

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(230, 179, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.7663, 0.3305, 0.2937 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(230, 179, 211) }
```

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

```
.border{ border-color:rgb(230, 179, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 211);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7663, 0.3305, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 211) }
```

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

```
.background{ background-color: rgb(230,  
179, 211) }
```

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