

Converting Colors

$Y_{xy}(53.7335, 0.2945, 0.3002)$

Have a look what the booklet for
Yxy(53.7335, 0.2945, 0.3002)
contains.

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Color

Yxy(53.7335, 0.2945, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	BFC0D8
RGB	191, 192, 216
RGB Percent	75%, 75%, 85%
CMY	0.2513, 0.2469, 0.1530
CMYK	0.12, 0.11, 0.00, 0.15
HSL	237°, 24%, 80%
HSV	237°, 12%, 85%
XYZ	52.7132, 53.7335, 72.5456
YIQ	194.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

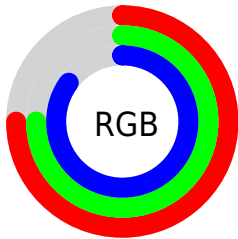
Format	Color
R _{YB}	191, 192, 216
Decimal	12566744
CIE _{Lab}	78.31, 4.31, -12.08
CIE _{LCh}	78, 12.830, 289.621
Yxy	53.7335, 0.2945, 0.3002
Android (android.graphics.Color)	4290756824 (0xFFBFC0D8)
YUV	194.4370, 10.6306, -3.0142
Hunter-Lab	73.3031, 0.0812, -7.3651

Details

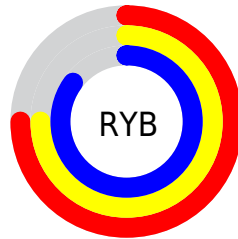
The Yxy color **53.7335, 0.2945, 0.3002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8907, 0.3301, 0.3563**, and the grayscale version is **54.1551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1290, 0.3080, 0.3222**, and **26.3568, 0.2894, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **42.7001, 0.2767, 0.2719**, and if you desaturate by 10%, it is **66.4558, 0.3104, 0.3253**.

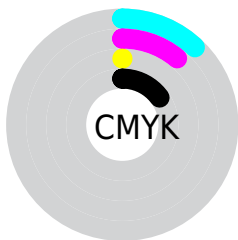
Distribution



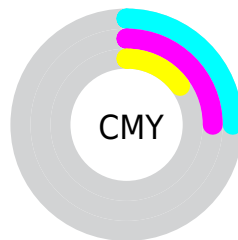
- Red (75%)
- Green (75%)
- Blue (85%)



- Red (75%)
- Yellow (75%)
- Blue (85%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7335, 0.2945, 0.3002 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 53.7335, 0.2945, 0.3002 by changing the saturation by 10% instead.

■ 53.7335, 0.2945,
0.3002

■ 53.7335, 0.2945,
0.3002

401.0929, 0.3034,
0.3141

■ 38.3886, 0.2923,
0.2969

■ 95.6828, 0.2977,
0.3051

■ 26.2845, 0.2896,
0.2927

123.0561, 0.2989,
0.3070

■ 17.0366, 0.2860,
0.2873

155.2076, 0.2999,
0.3086

■ 10.2606, 0.2811,
0.2800

192.5218, 0.3008,
0.3100

■ 5.5721, 0.2741,
0.2697

235.3830, 0.3016,
0.3112

■ 2.5867, 0.2631,
0.2539

284.1757, 0.3023,

■ 0.9200, 0.2437,

0.3123

0.2272

339.2842, 0.3029,
0.3132

0.0000, 0.0000,
0.0000

53.7335, 0.2945,
0.3002

53.7335, 0.2945,
0.3002

42.7001, 0.2767,
0.2719

66.4558, 0.3104,
0.3253

33.2781, 0.2572,
0.2405

80.9267, 0.3243,
0.3472

25.3943, 0.2364,
0.2069

97.0750, 0.3359,
0.3661

18.9669, 0.2153,
0.1724

97.7369, 0.3358,
0.3671

13.9067, 0.1951,
0.1390

■ 10.1146, 0.1773,
0.1093

■ 7.4782, 0.1635,
0.0855

■ 5.8654, 0.1546,
0.0696

■ 5.1642, 0.1506,
0.0623

Harmonies

Analogous

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



53.7335, 0.2834, 0.3033



53.7335, 0.2945, 0.3002



53.7335, 0.3107, 0.3044

Triad

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



53.7335, 0.2945, 0.3002



53.7335, 0.3466, 0.3432



53.7335, 0.2974, 0.3439

Complementary

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



53.7335, 0.2945, 0.3002



66.8907, 0.3301, 0.3563

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.



53.7335, 0.3140, 0.3554



53.7335, 0.2945, 0.3002



53.7335, 0.3427, 0.3545

Square

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



53.7335, 0.2945, 0.3002



53.7335, 0.3411, 0.3287



53.7335, 0.3306, 0.3592



53.7335, 0.2850, 0.3283

Rectangle

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



53.7335, 0.2945, 0.3002



53.7335, 0.3223, 0.3107



53.7335, 0.3306, 0.3592



53.7335, 0.3026, 0.3484

Sweetspot

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



53.7357, 0.2945, 0.3002



94.0011, 0.3082, 0.3219



65.0608, 0.2958, 0.3304



19.7854, 0.3070, 0.3200



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.



53.7357, 0.2945, 0.3002



73.9754, 0.2902, 0.2933



54.7689, 0.3032, 0.2996



12.0958, 0.2981, 0.3060



3.0985, 0.1509, 0.0630



0.2186, 0.1535, 0.0724

Inverse Universe

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



55.6309, 0.3326, 0.3278



77.2937, 0.3376, 0.3275



65.7975, 0.3215, 0.3582



12.4296, 0.3284, 0.3280



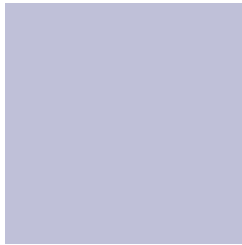
8.6576, 0.6350, 0.3272



0.5254, 0.6193, 0.3185

Previews

White Background



This preview shows how the Yxy color 53.7335, 0.2945, 0.3002 looks on a white background.

Color Contrast Check

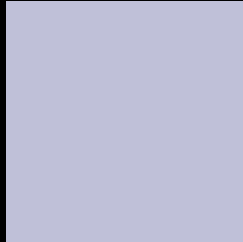
Large Text (above 18pt) WCAG AA × Fail

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 53.7335, 0.2945, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

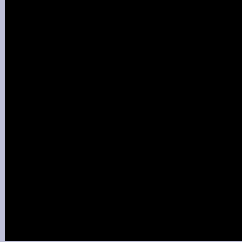
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7335, 0.2945, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 53.7335, 0.2945, 0.3002.



This preview shows how white text looks on a background with the Yxy color 53.7335, 0.2945, 0.3002.

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

53.7335, 0.2945, 0.3002

Protanopia

53.6043, 0.2938, 0.3001

Deuteranopia

53.5328, 0.3023, 0.2950



Tritanopia

53.6905, 0.2987, 0.3095

Trichromacy



Original Color

53.7335, 0.2945, 0.3002

Protanomaly

53.6043, 0.2938, 0.3001

Deuteranomaly

53.4107, 0.2992, 0.2959

Tritanomaly

53.8405, 0.2966, 0.3060

Monochromacy



Original Color

53.7335, 0.2945, 0.3002

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7417, 0.3061, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7335, 0.2945, 0.3002 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(191, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 216)  
}
```

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(191, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 216) }
```

Border

The CSS property to change the border of an element to Yxy 53.7335, 0.2945, 0.3002 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(191, 192, 216) }
```

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

```
.border{ border-color:rgb(191, 192, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7335, 0.2945, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 216) }
```

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

```
.background{ background-color: rgb(191,  
192, 216) }
```

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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