

Converting Colors

Yxy(53.1612, 0.2909, 0.2859)

Have a look what the booklet for
Yxy(53.1612, 0.2909, 0.2859)
contains.

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Color

Yxy(53.0048, 0.2912, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCE1
RGB	195, 188, 225
RGB Percent	76%, 74%, 88%
CMY	0.2353, 0.2627, 0.1175
CMYK	0.13, 0.16, 0.00, 0.12
HSL	251°, 38%, 81%
HSV	251°, 16%, 88%
XYZ	54.0820, 53.0048, 78.6343
YIQ	194.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

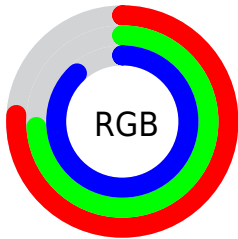
Format	Color
R _Y B	195, 188, 225
Decimal	12827873
CIE Lab	77.88, 9.68, -17.58
CIE LCh	78, 20.068, 298.838
Yxy	53.0048, 0.2912, 0.2854
Android (android.graphics.Color)	4291017953 (0xFFC3BCE1)
YUV	194.3110, 15.1297, 0.6043
Hunter-Lab	72.8044, 5.1892, -13.0747

Details

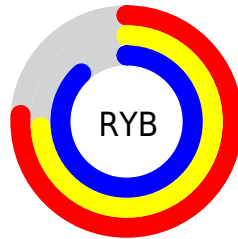
The Yxy color **53.0048, 0.2912, 0.2854** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.4070, 0.3322, 0.3704**, and the grayscale version is **54.0563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6168, 0.3113, 0.3184**, and **25.8929, 0.2850, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **41.8461, 0.2757, 0.2551**, and if you desaturate by 10%, it is **65.9640, 0.3049, 0.3129**.

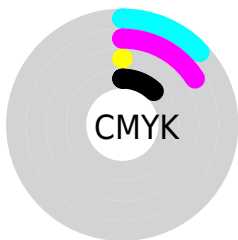
Distribution



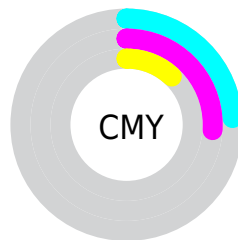
- Red (76%)
- Green (74%)
- Blue (88%)



- Red (76%)
- Yellow (74%)
- Blue (88%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0048, 0.2912, 0.2854 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 53.0048, 0.2912, 0.2854 by changing the saturation by 10% instead.

■ 53.0048, 0.2912,
0.2854

■ 53.0048, 0.2912,
0.2854

398.3035, 0.3018,
0.3062

■ 37.8066, 0.2886,
0.2805

■ 94.6114, 0.2950,
0.2927

■ 25.8326, 0.2853,
0.2744

121.7887, 0.2965,
0.2955

■ 16.6985, 0.2810,
0.2665

153.7277, 0.2977,
0.2980

■ 10.0197, 0.2751,
0.2560

190.8129, 0.2988,
0.3000

■ 5.4120, 0.2665,
0.2414

233.4287, 0.2997,
0.3019

■ 2.4910, 0.2533,
0.2198

281.9595, 0.3005,

■ 0.8721, 0.2301,

0.3035

0.1849

336.7896, 0.3012,
0.3049

0.0000, 0.0132,
0.0000

0.0000, 0.0000,
0.0000

53.0048, 0.2912,
0.2854

53.0048, 0.2912,
0.2854

41.8461, 0.2757,
0.2551

65.9640, 0.3049,
0.3129

32.4014, 0.2584,
0.2226

80.7920, 0.3167,
0.3373

24.5868, 0.2399,
0.1889

97.2356, 0.3269,
0.3584

18.3088, 0.2208,
0.1555

98.2178, 0.3303,
0.3581

■ 13.4644, 0.2021,
0.1247

■ 9.9373, 0.1851,
0.0986

■ 7.5930, 0.1711,
0.0792

■ 6.2639, 0.1609,
0.0674

■ 5.9412, 0.1581,
0.0645

Harmonies

Analogous

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



53.0048, 0.2712, 0.2862



53.0048, 0.2912, 0.2854



53.0048, 0.3177, 0.2951

Triad

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



53.0048, 0.2912, 0.2854



53.0048, 0.3658, 0.3567



53.0048, 0.2817, 0.3452

Complementary

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



53.0048, 0.2912, 0.2854



72.4070, 0.3322, 0.3704

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.



53.0048, 0.3060, 0.3667



53.0048, 0.2912, 0.2854



53.0048, 0.3550, 0.3724

Square

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



53.0048, 0.2912, 0.2854



53.0048, 0.3618, 0.3350



53.0048, 0.3329, 0.3766



53.0048, 0.2660, 0.3197

Rectangle

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



53.0048, 0.2912, 0.2854



53.0048, 0.3357, 0.3063



53.0048, 0.3329, 0.3766



53.0048, 0.2891, 0.3533

Sweetspot

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



53.0070, 0.2912, 0.2854



90.2245, 0.3067, 0.3165



66.3970, 0.2876, 0.3211



19.0286, 0.3058, 0.3147



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.



53.0070, 0.2912, 0.2854



64.6475, 0.2857, 0.2746



55.5965, 0.3053, 0.2872



13.3673, 0.3010, 0.3050



3.4601, 0.1592, 0.0650



0.2762, 0.1731, 0.0727

Inverse Universe

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



57.0429, 0.3199, 0.2958



71.0604, 0.3218, 0.2881



69.7386, 0.3189, 0.3722



13.8889, 0.3167, 0.3102



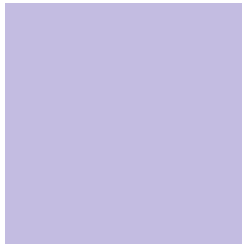
11.1983, 0.3751, 0.1840



0.7878, 0.3653, 0.1786

Previews

White Background



This preview shows how the Yxy color 53.0048, 0.2912, 0.2854 looks on a white background.

Color Contrast Check

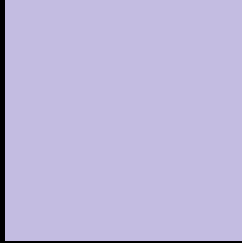
Large Text (above 18pt) WCAG AA × Fail

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 53.0048, 0.2912, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

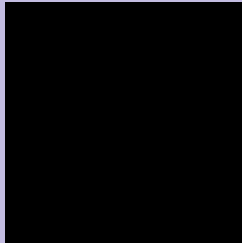
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0048, 0.2912, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 53.0048, 0.2912, 0.2854.



This preview shows how white text looks on a background with the Yxy color 53.0048, 0.2912, 0.2854.

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

53.0048, 0.2912, 0.2854

Protanopia

53.1219, 0.2826, 0.2859

Deuteranopia

53.0048, 0.2912, 0.2854



Tritanopia

52.9243, 0.3024, 0.3107

Trichromacy



Original Color

53.0048, 0.2912, 0.2854

Protanomaly

53.1367, 0.2861, 0.2862

Deuteranomaly

53.0048, 0.2912, 0.2854

Tritanomaly

52.9685, 0.2982, 0.3013

Monochromacy



Original Color

53.0048, 0.2912, 0.2854

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5764, 0.3047, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0048, 0.2912, 0.2854 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(195, 188, 225)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 225)  
}
```

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(195, 188, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 225) }
```

Border

The CSS property to change the border of an element to Yxy 53.0048, 0.2912, 0.2854 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(195, 188, 225) }
```

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

```
.border{ border-color:rgb(195, 188, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 225);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0048, 0.2912, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 225) }
```

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

```
.background{ background-color: rgb(195,  
188, 225) }
```

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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