

Converting Colors

Yxy(53.7646, 0.3012, 0.2854)

Have a look what the booklet for
Yxy(53.7646, 0.3012, 0.2854)
contains.

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Color

Yxy(53.7650, 0.3012, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	CFBAE0
RGB	207, 186, 224
RGB Percent	81%, 73%, 88%
CMY	0.1880, 0.2707, 0.1215
CMYK	0.08, 0.17, 0.00, 0.12
HSL	273°, 38%, 80%
HSV	273°, 17%, 88%
XYZ	56.7614, 53.7650, 77.9244
YIQ	196.6110, 0.3180, 16.2700

Conversions

Conversions Part 2

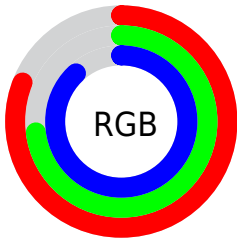
Format	Color
R _Y B	207, 186, 224
Decimal	13613792
CIE Lab	78.32, 14.49, -16.27
CIE LCh	78, 21.783, 311.685
Yxy	53.7650, 0.3012, 0.2853
Android (android.graphics.Color)	4291803872 (0xFFCFBAE0)
YUV	196.6110, 13.5028, 9.1112
Hunter-Lab	73.3246, 9.8607, -11.6821

Details

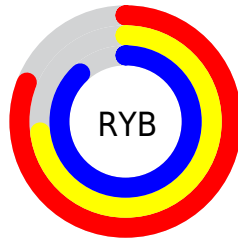
The Yxy color **53.7650, 0.3012, 0.2853** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.5575, 0.3226, 0.3732**, and the grayscale version is **55.5110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.3150, 0.2971, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **43.6639, 0.2929, 0.2573**, and if you desaturate by 10%, it is **65.4413, 0.3084, 0.3117**.

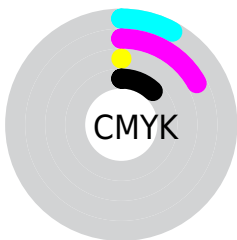
Distribution



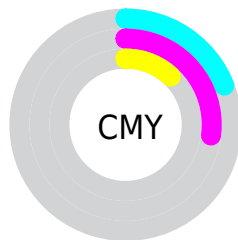
- Red (81%)
- Green (73%)
- Blue (88%)



- Red (81%)
- Yellow (73%)
- Blue (88%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)




- Cyan (19%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7650, 0.3012, 0.2853 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 53.7650, 0.3012, 0.2853 by changing the saturation by 10% instead.


 53.7650, 0.3012,
0.2853

 53.7650, 0.3012,
0.2853


401.2133, 0.3070,
0.3060

 38.4138, 0.2997,
0.2805


 95.7291, 0.3033,
0.2926

 26.3040, 0.2979,
0.2744


123.1108, 0.3041,
0.2954

 17.0512, 0.2954,
0.2667


155.2715, 0.3048,
0.2978

 10.2710, 0.2919,
0.2565

192.5956, 0.3054,
0.2998

 5.5790, 0.2868,
0.2424

235.4674, 0.3059,
0.3017

 2.5908, 0.2787,
0.2215

284.2713, 0.3063,

 0.9221, 0.2638,

0.3033

0.1882

339.3918, 0.3067,
0.3047

0.0000, 0.1594,
0.0000

0.0000, 0.0000,
0.0000

53.7650, 0.3012,
0.2853

53.7650, 0.3012,
0.2853

43.6639, 0.2929,
0.2573

65.4413, 0.3084,
0.3117

35.0609, 0.2834,
0.2283

78.7519, 0.3144,
0.3362

27.8821, 0.2728,
0.1992

93.7611, 0.3195,
0.3585

22.0449, 0.2613,
0.1713

96.6796, 0.3258,
0.3596

■ 17.4577, 0.2494,
0.1459

■ 98.1632, 0.3309,
0.3591

■ 14.0169, 0.2374,
0.1245

■ 11.6016, 0.2258,
0.1081

■ 10.0551, 0.2152,
0.0970

■ 9.6801, 0.2121,
0.0942

Harmonies

Analogous

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



53.7650, 0.2760, 0.2811



53.7650, 0.3012, 0.2853



53.7650, 0.3307, 0.2998

Triad

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



53.7650, 0.3012, 0.2853



53.7650, 0.3669, 0.3672



53.7650, 0.2706, 0.3346

Complementary

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



53.7650, 0.3012, 0.2853



69.5575, 0.3226, 0.3732

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.



53.7650, 0.2934, 0.3610



53.7650, 0.3012, 0.2853



53.7650, 0.3492, 0.3797

Square

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



53.7650, 0.3012, 0.2853



53.7650, 0.3697, 0.3458



53.7650, 0.3221, 0.3779



53.7650, 0.2589, 0.3079

Rectangle

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



53.7650, 0.3012, 0.2853



53.7650, 0.3487, 0.3137



53.7650, 0.3221, 0.3779



53.7650, 0.2771, 0.3439

Sweetspot

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



53.7673, 0.3012, 0.2853



91.0711, 0.3096, 0.3166



58.5791, 0.2860, 0.3041



19.2340, 0.3092, 0.3149



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.



53.7673, 0.3012, 0.2853



67.6059, 0.2987, 0.2766



56.2412, 0.3161, 0.2891



13.6159, 0.3067, 0.3054



5.7023, 0.2136, 0.0951



0.4481, 0.2295, 0.1038

Inverse Universe

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



55.2696, 0.3312, 0.3099



69.9772, 0.3354, 0.3061



67.3874, 0.3094, 0.3725



13.8016, 0.3222, 0.3186



9.7806, 0.5180, 0.2627



0.6958, 0.4800, 0.2418

Previews

White Background



This preview shows how the Yxy color 53.7650, 0.3012, 0.2853 looks on a white background.

Color Contrast Check

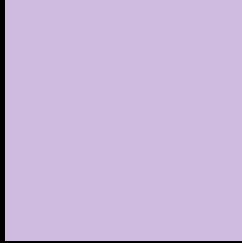
Large Text (above 18pt) WCAG AA × Fail

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 53.7650, 0.3012, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

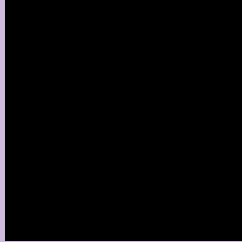
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7650, 0.3012, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 53.7650, 0.3012, 0.2853.



This preview shows how white text looks on a background with the Yxy color 53.7650, 0.3012, 0.2853.

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

53.7650, 0.3012, 0.2853

Protanopia

53.8655, 0.2835, 0.2862

Deuteranopia

53.8650, 0.2957, 0.2892



Tritanopia

53.5922, 0.3136, 0.3112

Trichromacy



Original Color

53.7650, 0.3012, 0.2853

Protanomaly

53.8423, 0.2892, 0.2855

Deuteranomaly

53.8507, 0.2980, 0.2883

Tritanomaly

53.6487, 0.3091, 0.3020

Monochromacy



Original Color

53.7650, 0.3012, 0.2853

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0624, 0.3087, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7650, 0.3012, 0.2853 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(207, 186, 224)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 224)  
}
```

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(207, 186, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.7650, 0.3012, 0.2853 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(207, 186, 224) }
```

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

```
.border{ border-color:rgb(207, 186, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 224);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7650, 0.3012, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 224) }
```

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

```
.background{ background-color: rgb(207,  
186, 224) }
```

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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