

Converting Colors

Yxy(53.7251, 0.2871, 0.2387)

Have a look what the booklet for
Yxy(53.7251, 0.2871, 0.2387)
contains.

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Color

Yxy(53.5679, 0.2914, 0.2446)

Conversions

Conversions Part 1

Format	Color
Hex	DFAFFF
RGB	223, 175, 255
RGB Percent	87%, 69%, 100%
CMY	0.1255, 0.3137, 0.0000
CMYK	0.13, 0.31, 0.00, 0.00
HSL	276°, 100%, 84%
HSV	276°, 31%, 100%
XYZ	63.8172, 53.5679, 101.6169
YIQ	198.4720, 2.9280, 35.0560

Conversions

Conversions Part 2

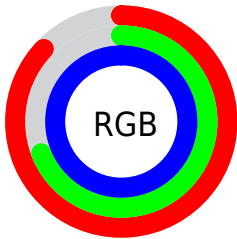
Format	Color
R_{YB}	223, 175, 255
Decimal	14659583
CIE _{Lab}	78.21, 31.75, -33.02
CIE _{LCh}	78, 45.810, 313.881
Yxy	53.5679, 0.2914, 0.2446
Android (android.graphics.Color)	4292849663 (0xFFDFAFFF)
YUV	198.4720, 27.8683, 21.5111
Hunter-Lab	73.1901, 27.5582, -31.0850

Details

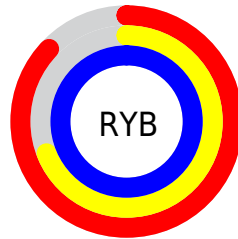
The Yxy color **53.5679, 0.2914, 0.2446** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.8791, 0.3281, 0.4165**, and the grayscale version is **56.5989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.2118, 0.2851, 0.2259** is the 20% darker color. If you saturate the color by 10%, you get **42.9898, 0.2824, 0.2158**, and if you desaturate by 10%, it is **66.1169, 0.2994, 0.2730**.

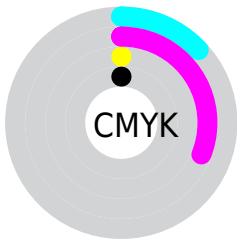
Distribution



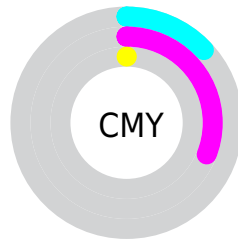
- Red (87%)
- Green (69%)
- Blue (100%)



- Red (87%)
- Yellow (69%)
- Blue (100%)



- Cyan (13%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5679, 0.2914, 0.2446 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 53.5679, 0.2914, 0.2446 by changing the saturation by 10% instead.


 53.5679, 0.2914,
0.2446

 53.5679, 0.2914,
0.2446


400.4601, 0.3025,
0.2830

 38.2563, 0.2886,
0.2361


 95.4395, 0.2955,
0.2577

 26.1817, 0.2850,
0.2257


122.7683, 0.2970,
0.2629

 16.9596, 0.2802,
0.2128


154.8717, 0.2983,
0.2674

 10.2057, 0.2736,
0.1964

192.1339, 0.2994,
0.2713

 5.5356, 0.2641,
0.1750

234.9395, 0.3003,
0.2747

 2.5648, 0.2495,
0.1462

283.6728, 0.3012,

 0.9090, 0.2252,

0.2778

0.1068

338.7182, 0.3019,
0.2805

0.0000, 0.1847,
0.0000

0.0000, 0.0000,
0.0000

53.5679, 0.2914,
0.2446

53.5679, 0.2914,
0.2446

42.9898, 0.2824,
0.2158

66.1169, 0.2994,
0.2730

34.2763, 0.2725,
0.1877

80.7371, 0.3062,
0.3002

27.3090, 0.2619,
0.1614

97.5204, 0.3120,
0.3257

21.9559, 0.2510,
0.1385

100.0000, 0.3127,
0.3290

■ 18.0655, 0.2401,
0.1201

■ 15.4561, 0.2298,
0.1070

■ 13.9944, 0.2214,
0.0994

Harmonies

Analogous

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



53.5679, 0.2406, 0.2336



53.5679, 0.2914, 0.2446



53.5679, 0.3537, 0.2733

Triad

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



53.5679, 0.2914, 0.2446



53.5679, 0.4230, 0.4058



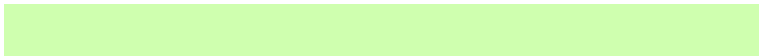
53.5679, 0.2240, 0.3337

Complementary

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



53.5679, 0.2914, 0.2446



87.8791, 0.3281, 0.4165

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.



53.5679, 0.2667, 0.3958



53.5679, 0.2914, 0.2446



53.5679, 0.3819, 0.4362

Square

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



53.5679, 0.2914, 0.2446



53.5679, 0.4340, 0.3612



53.5679, 0.3244, 0.4357



53.5679, 0.2049, 0.2780

Rectangle

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



53.5679, 0.2914, 0.2446



53.5679, 0.3923, 0.2997



53.5679, 0.3244, 0.4357



53.5679, 0.2358, 0.3550

Sweetspot

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



53.5675, 0.2914, 0.2446



84.5220, 0.3077, 0.3064



60.9583, 0.2611, 0.2742



17.5915, 0.3068, 0.3026



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.



53.5675, 0.2914, 0.2446



46.3446, 0.2856, 0.2255



58.6341, 0.3225, 0.2578



17.9168, 0.3074, 0.3051



7.4016, 0.2230, 0.1002



0.7843, 0.2339, 0.1062

Inverse Universe

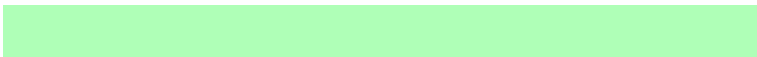
The Inverse Universe completely reimagines the original color for something new.



56.4232, 0.3559, 0.2960



49.7723, 0.3688, 0.2889



84.0524, 0.3042, 0.4124



18.1074, 0.3231, 0.3195



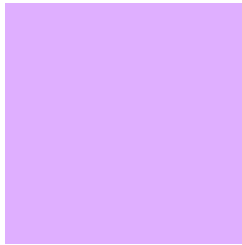
11.6374, 0.5384, 0.2740



1.1540, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 53.5679, 0.2914, 0.2446 looks on a white background.

Color Contrast Check

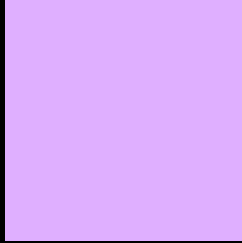
Large Text (above 18pt) WCAG AA × Fail

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 53.5679, 0.2914, 0.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

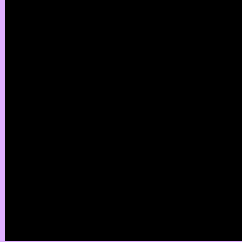
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5679, 0.2914, 0.2446

Background



This preview shows how black text looks on a background with the Yxy color 53.5679, 0.2914, 0.2446.

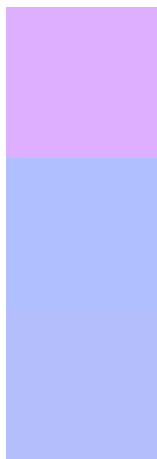


This preview shows how white text looks on a background with the Yxy color 53.5679, 0.2914, 0.2446.

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

53.5679, 0.2914, 0.2446

Protanopia

53.7117, 0.2594, 0.2553

Deuteranopia

53.6789, 0.2643, 0.2577



Tritanopia

53.5841, 0.3252, 0.3127

Trichromacy



Original Color

53.5679, 0.2914, 0.2446



Protanomaly

53.2554, 0.2701, 0.2506



Deuteranomaly

53.5255, 0.2734, 0.2530

Tritanomaly

53.3749, 0.3123, 0.2861

Monochromacy



Original Color

53.5679, 0.2914, 0.2446



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.2068, 0.3048, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5679, 0.2914, 0.2446 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(223, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 175, 255)  
}
```

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(223, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 175, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5679, 0.2914, 0.2446 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(223, 175, 255) }
```

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

```
.border{ border-color:rgb(223, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 175,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5679, 0.2914, 0.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 175, 255) }
```

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

```
.background{ background-color: rgb(223,  
175, 255) }
```

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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