

Converting Colors

Yxy(53.6572, 0.2742, 0.2504)

Have a look what the booklet for
Yxy(53.6572, 0.2742, 0.2504)
contains.

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Color

Yxy(53.6431, 0.2742, 0.2504)

Conversions

Conversions Part 1

Format	Color
Hex	C7B8FF
RGB	199, 184, 255
RGB Percent	78%, 72%, 100%
CMY	0.2196, 0.2784, 0.0001
CMYK	0.22, 0.28, 0.00, 0.00
HSL	253°, 100%, 86%
HSV	253°, 28%, 100%
XYZ	58.7418, 53.6431, 101.8448
YIQ	196.5790, -13.8510, 25.2610

Conversions

Conversions Part 2

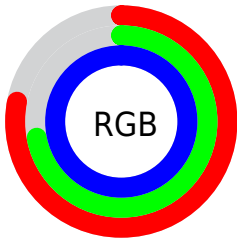
Format	Color
R_{YB}	199, 184, 255
Decimal	13089023
CIE _{Lab}	78.25, 19.63, -33.09
CIE _{LCh}	78, 38.476, 300.685
Yxy	53.6431, 0.2742, 0.2504
Android (android.graphics.Color)	4291279103 (0xFFC7B8FF)
YUV	196.5790, 28.8016, 2.1232
Hunter-Lab	73.2415, 14.9896, -31.1758

Details

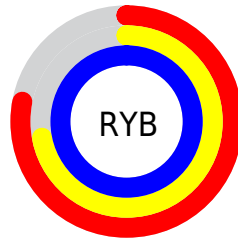
The Yxy color **53.6431, 0.2742, 0.2504** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.4861, 0.3448, 0.4013**, and the grayscale version is **55.3992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **26.2391, 0.2639, 0.2323** is the 20% darker color. If you saturate the color by 10%, you get **41.4180, 0.2570, 0.2176**, and if you desaturate by 10%, it is **68.1450, 0.2897, 0.2811**.

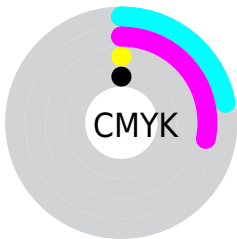
Distribution



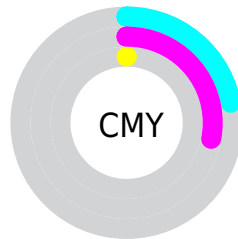
- Red (78%)
- Green (72%)
- Blue (100%)



- Red (78%)
- Yellow (72%)
- Blue (100%)



- Cyan (22%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6431, 0.2742, 0.2504 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 53.6431, 0.2742, 0.2504 by changing the saturation by 10% instead.

■ 53.6431, 0.2742,
0.2504

■ 53.6431, 0.2742,
0.2504

400.7476, 0.2932,
0.2867

■ 38.3164, 0.2696,
0.2422

■ 95.5500, 0.2810,
0.2629

■ 26.2283, 0.2639,
0.2322

122.8990, 0.2836,
0.2678

■ 16.9945, 0.2564,
0.2197

155.0242, 0.2858,
0.2720

■ 10.2306, 0.2465,
0.2036

192.3101, 0.2877,
0.2757

■ 5.5521, 0.2325,
0.1824

235.1410, 0.2893,
0.2789

■ 2.5747, 0.2121,
0.1534

283.9012, 0.2908,

■ 0.9140, 0.1800,

0.2818

0.1130

338.9753, 0.2920,
0.2844

0.0000, 0.1017,
0.0000

0.0000, 0.0000,
0.0000

53.6431, 0.2742,
0.2504

53.6431, 0.2742,
0.2504

41.4180, 0.2570,
0.2176

68.1450, 0.2897,
0.2811

31.3464, 0.2386,
0.1838

85.0254, 0.3033,
0.3091

23.3033, 0.2197,
0.1508

99.9985, 0.3127,
0.3290

17.1477, 0.2013,
0.1206

■ 12.7203, 0.1847,
0.0956

■ 9.8347, 0.1711,
0.0775

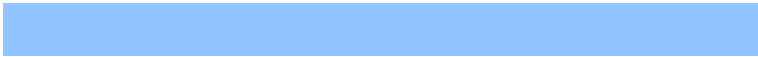
■ 8.2457, 0.1612,
0.0669

■ 8.0001, 0.1595,
0.0652

Harmonies

Analogous

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



53.6431, 0.2376, 0.2492



53.6431, 0.2742, 0.2504



53.6431, 0.3243, 0.2689

Triad

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



53.6431, 0.2742, 0.2504



53.6431, 0.4136, 0.3798



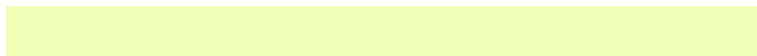
53.6431, 0.2516, 0.3567

Complementary

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



53.6431, 0.2742, 0.2504



93.4861, 0.3448, 0.4013

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.



53.6431, 0.2952, 0.4022



53.6431, 0.2742, 0.2504



53.6431, 0.3896, 0.4113

Square

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



53.6431, 0.2742, 0.2504



53.6431, 0.4086, 0.3399



53.6431, 0.3458, 0.4221



53.6431, 0.2253, 0.3058

Rectangle

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



53.6431, 0.2742, 0.2504



53.6431, 0.3590, 0.2889



53.6431, 0.3458, 0.4221



53.6431, 0.2646, 0.3736

Sweetspot

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



53.6453, 0.2742, 0.2504



84.7434, 0.3031, 0.3087



80.1911, 0.2705, 0.3135



17.5627, 0.3012, 0.3046



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.



53.6453, 0.2742, 0.2504



47.0620, 0.2655, 0.2337



58.9410, 0.2997, 0.2559



17.5627, 0.3012, 0.3046



4.2324, 0.1606, 0.0659



0.4566, 0.1708, 0.0714

Inverse Universe

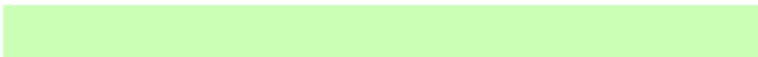
The Inverse Universe completely reimagines the original color for something new.



61.8285, 0.3273, 0.2731



56.4559, 0.3307, 0.2626



87.9871, 0.3221, 0.4068



18.2307, 0.3171, 0.3105



13.3373, 0.3830, 0.1884



1.3143, 0.3745, 0.1837

Previews

White Background



This preview shows how the Yxy color 53.6431, 0.2742, 0.2504 looks on a white background.

Color Contrast Check

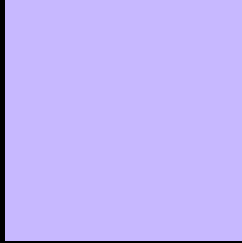
Large Text (above 18pt) WCAG AA × Fail

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 53.6431, 0.2742, 0.2504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

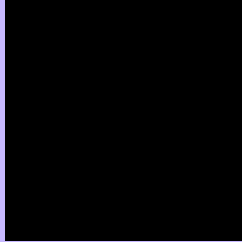
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6431, 0.2742, 0.2504

Background



This preview shows how black text looks on a background with the Yxy color 53.6431, 0.2742, 0.2504.

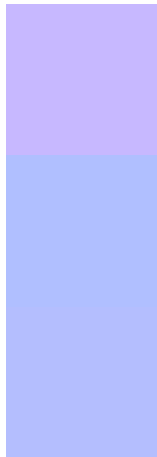


This preview shows how white text looks on a background with the Yxy color 53.6431, 0.2742, 0.2504.

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

53.6431, 0.2742, 0.2504

Protanopia

53.7117, 0.2594, 0.2553

Deuteranopia

53.6860, 0.2625, 0.2556



Tritanopia

53.6411, 0.2994, 0.3107

Trichromacy



Original Color

53.6431, 0.2742, 0.2504

Protanomaly

53.3768, 0.2643, 0.2528

Deuteranomaly

53.6870, 0.2669, 0.2542

Tritanomaly

53.6006, 0.2898, 0.2877

Monochromacy



Original Color

53.6431, 0.2742, 0.2504

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7670, 0.2985, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6431, 0.2742, 0.2504 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(199, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 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(199, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.6431, 0.2742, 0.2504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

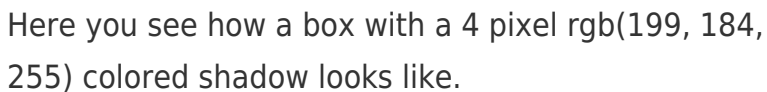
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 184, 255) }
```

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

```
.border{ border-color:rgb(199, 184, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6431, 0.2742, 0.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 255) }
```

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

```
.background{ background-color: rgb(199,  
184, 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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