

Converting Colors

Yxy(53.6212, 0.2696, 0.2518)

Have a look what the booklet for
Yxy(53.6212, 0.2696, 0.2518)
contains.

Yxy(53.5443, 0.2695, 0.2516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.5443, 0.2695, 0.2516)

Conversions

Conversions Part 1

Format	Color
Hex	C0BAFF
RGB	192, 186, 255
RGB Percent	75%, 73%, 100%
CMY	0.2469, 0.2706, 0.0000
CMYK	0.25, 0.27, 0.00, 0.00
HSL	245°, 100%, 86%
HSV	245°, 27%, 100%
XYZ	57.3537, 53.5443, 101.9172
YIQ	195.6600, -18.5730, 22.7310

Conversions

Conversions Part 2

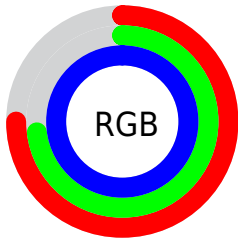
Format	Color
R_{YB}	192, 186, 255
Decimal	12630783
CIE _{Lab}	78.20, 16.50, -33.24
CIE _{LCh}	78, 37.107, 296.407
Yxy	53.5443, 0.2695, 0.2516
Android (android.graphics.Color)	4290820863 (0xFFC0BAFF)
YUV	195.6600, 29.2546, -3.2098
Hunter-Lab	73.1740, 11.8537, -31.3577

Details

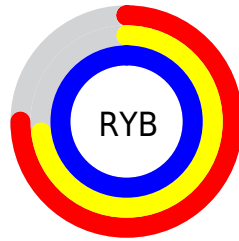
The Yxy color **53.5443, 0.2695, 0.2516** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.1941, 0.3497, 0.3978**, and the grayscale version is **54.8220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8640, 0.3094, 0.3164**, and **26.1706, 0.2580, 0.2336** is the 20% darker color. If you saturate the color by 10%, you get **40.9430, 0.2501, 0.2178**, and if you desaturate by 10%, it is **68.5470, 0.2872, 0.2829**.

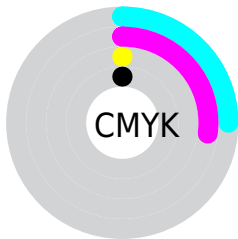
Distribution



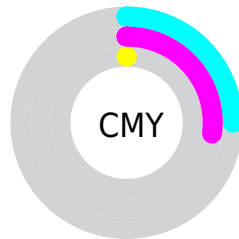
- Red (75%)
- Green (73%)
- Blue (100%)



- Red (75%)
- Yellow (73%)
- Blue (100%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5443, 0.2695, 0.2516 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 53.5443, 0.2695, 0.2516 by changing the saturation by 10% instead.

■ 53.5443, 0.2695,
0.2516

■ 53.5443, 0.2695,
0.2516

400.3699, 0.2906,
0.2875

■ 38.2375, 0.2645,
0.2435

■ 95.4048, 0.2770,
0.2640

■ 26.1670, 0.2581,
0.2335

122.7273, 0.2799,
0.2688

■ 16.9486, 0.2499,
0.2210

154.8238, 0.2823,
0.2730

■ 10.1979, 0.2391,
0.2049

192.0786, 0.2845,
0.2766

■ 5.5304, 0.2240,
0.1837

234.8763, 0.2863,
0.2798

■ 2.5617, 0.2020,
0.1546

283.6011, 0.2879,

■ 0.9074, 0.1680,

0.2827

0.1137

338.6375, 0.2893,
0.2852

0.0000, 0.0753,
0.0000

0.0000, 0.0000,
0.0000

53.5443, 0.2695,
0.2516

53.5443, 0.2695,
0.2516

40.9430, 0.2501,
0.2178

68.5470, 0.2872,
0.2829

30.6121, 0.2296,
0.1827

86.0600, 0.3029,
0.3111

22.4182, 0.2090,
0.1482

99.9999, 0.3127,
0.3290

16.2111, 0.1898,
0.1167

■ 11.8209, 0.1733,
0.0909

■ 9.0493, 0.1611,
0.0728

■ 7.6465, 0.1536,
0.0630

■ 7.3944, 0.1522,
0.0612

Harmonies

Analogous

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



53.5443, 0.2365, 0.2531



53.5443, 0.2695, 0.2516



53.5443, 0.3167, 0.2673

Triad

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



53.5443, 0.2695, 0.2516



53.5443, 0.4112, 0.3731



53.5443, 0.2588, 0.3628

Complementary

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



53.5443, 0.2695, 0.2516



95.1941, 0.3497, 0.3978

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.



53.5443, 0.3028, 0.4040



53.5443, 0.2695, 0.2516



53.5443, 0.3918, 0.4052

Square

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



53.5443, 0.2695, 0.2516



53.5443, 0.4021, 0.3341



53.5443, 0.3516, 0.4189



53.5443, 0.2305, 0.3134

Rectangle

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



53.5443, 0.2695, 0.2516



53.5443, 0.3505, 0.2857



53.5443, 0.3516, 0.4189



53.5443, 0.2722, 0.3785

Sweetspot

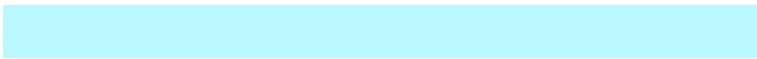
The Sweet Spot groups the original color and five complimentary colors.



53.5464, 0.2695, 0.2516



84.3072, 0.3015, 0.3086



85.5625, 0.2725, 0.3227



17.4538, 0.2992, 0.3045



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.



53.5464, 0.2695, 0.2516



47.0303, 0.2601, 0.2352



58.5432, 0.2941, 0.2568



17.4538, 0.2992, 0.3045



3.8896, 0.1528, 0.0615



0.4034, 0.1586, 0.0647

Inverse Universe

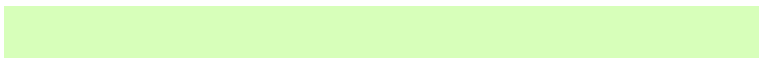
The Inverse Universe completely reimagines the original color for something new.



63.2109, 0.3204, 0.2668



58.0687, 0.3220, 0.2555



89.4720, 0.3270, 0.4031



18.2713, 0.3152, 0.3076



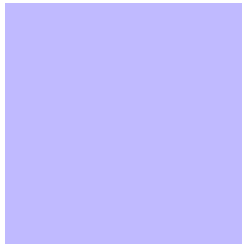
14.1840, 0.3443, 0.1670



1.3888, 0.3413, 0.1654

Previews

White Background



This preview shows how the Yxy color 53.5443, 0.2695, 0.2516 looks on a white background.

Color Contrast Check

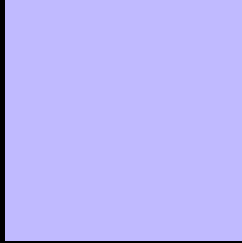
Large Text (above 18pt) WCAG AA × Fail

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 53.5443, 0.2695, 0.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

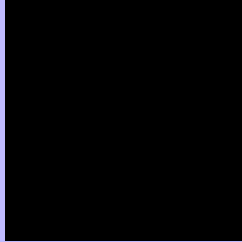
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5443, 0.2695, 0.2516

Background



This preview shows how black text looks on a background with the Yxy color 53.5443, 0.2695, 0.2516.

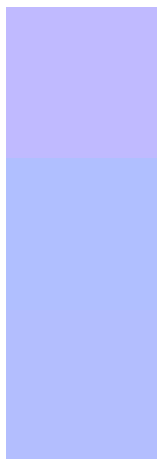


This preview shows how white text looks on a background with the Yxy color 53.5443, 0.2695, 0.2516.

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

53.5443, 0.2695, 0.2516

Protanopia

53.7117, 0.2594, 0.2553

Deuteranopia

53.5664, 0.2618, 0.2555



Tritanopia

53.3040, 0.2927, 0.3093

Trichromacy



Original Color

53.5443, 0.2695, 0.2516

Protanomaly

53.5603, 0.2631, 0.2537

Deuteranomaly

53.7413, 0.2650, 0.2550

Tritanomaly

53.1917, 0.2840, 0.2871

Monochromacy



Original Color

53.5443, 0.2695, 0.2516

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3111, 0.2969, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5443, 0.2695, 0.2516 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(192, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 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(192, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5443, 0.2695, 0.2516 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(192, 186, 255) }
```

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

```
.border{ border-color:rgb(192, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5443, 0.2695, 0.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 255) }
```

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

```
.background{ background-color: rgb(192,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor