

Converting Colors

Yxy(54.5951, 0.2746, 0.2529)

Have a look what the booklet for
Yxy(54.5951, 0.2746, 0.2529)
contains.

Yxy(54.4799, 0.2743, 0.2526)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4799, 0.2743, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	C7BAFF
RGB	199, 186, 255
RGB Percent	78%, 73%, 100%
CMY	0.2197, 0.2706, 0.0000
CMYK	0.22, 0.27, 0.00, 0.00
HSL	251°, 100%, 86%
HSV	251°, 27%, 100%
XYZ	59.1601, 54.4799, 102.0366
YIQ	197.7530, -14.4010, 24.2150

Conversions

Conversions Part 2

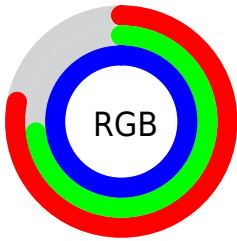
Format	Color
R _Y B	199, 186, 255
Decimal	13089535
CIE Lab	78.74, 18.54, -32.37
CIE LCh	79, 37.305, 299.804
Yxy	54.4799, 0.2743, 0.2526
Android (android.graphics.Color)	4291279615 (0xFFC7BAFF)
YUV	197.7530, 28.2228, 1.0936
Hunter-Lab	73.8105, 13.9017, -30.2959

Details

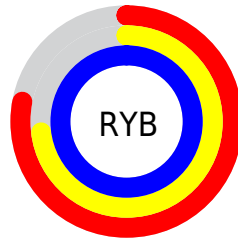
The Yxy color **54.4799, 0.2743, 0.2526** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.9501, 0.3450, 0.3989**, and the grayscale version is **56.1433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.7816, 0.2642, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **42.0342, 0.2568, 0.2197**, and if you desaturate by 10%, it is **69.2277, 0.2901, 0.2833**.

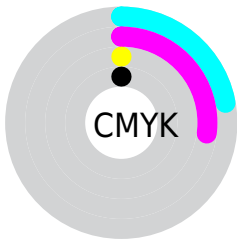
Distribution



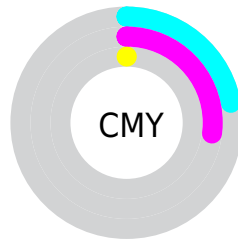
- Red (78%)
- Green (73%)
- Blue (100%)



- Red (78%)
- Yellow (73%)
- Blue (100%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4799, 0.2743, 0.2526 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 54.4799, 0.2743, 0.2526 by changing the saturation by 10% instead.

■ 54.4799, 0.2743,
0.2526

■ 54.4799, 0.2743,
0.2526

403.9374, 0.2931,
0.2878

■ 38.9855, 0.2698,
0.2447

■ 96.7785, 0.2810,
0.2648

■ 26.7484, 0.2641,
0.2349

124.3515, 0.2836,
0.2695

■ 17.3844, 0.2567,
0.2227

156.7194, 0.2858,
0.2736

■ 10.5089, 0.2469,
0.2070

194.2667, 0.2877,
0.2772

■ 5.7377, 0.2332,
0.1863

237.3778, 0.2893,
0.2803

■ 2.6862, 0.2132,
0.1580

286.4370, 0.2907,

■ 0.9702, 0.1817,

0.2831

0.1182

341.8287, 0.2920,
0.2856

0.0000, 0.1087,
0.0000

0.0000, 0.0000,
0.0000

54.4799, 0.2743,
0.2526

54.4799, 0.2743,
0.2526

42.0342, 0.2568,
0.2197

69.2277, 0.2901,
0.2833

31.7740, 0.2380,
0.1857

86.3873, 0.3040,
0.3112

23.5710, 0.2187,
0.1523

100.0000, 0.3127,
0.3290

17.2839, 0.2000,
0.1216

■ 12.7531, 0.1832,
0.0960

■ 9.7923, 0.1696,
0.0773

■ 8.1672, 0.1598,
0.0664

■ 7.8459, 0.1576,
0.0642

Harmonies

Analogous

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



54.4799, 0.2393, 0.2520



54.4799, 0.2743, 0.2526



54.4799, 0.3224, 0.2701

Triad

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



54.4799, 0.2743, 0.2526



54.4799, 0.4103, 0.3773



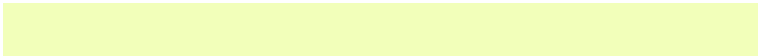
54.4799, 0.2547, 0.3572

Complementary

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



54.4799, 0.2743, 0.2526



93.9501, 0.3450, 0.3989

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.



54.4799, 0.2973, 0.4004



54.4799, 0.2743, 0.2526



54.4799, 0.3881, 0.4079

Square

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



54.4799, 0.2743, 0.2526



54.4799, 0.4046, 0.3386



54.4799, 0.3462, 0.4187



54.4799, 0.2286, 0.3081

Rectangle

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



54.4799, 0.2743, 0.2526



54.4799, 0.3560, 0.2893



54.4799, 0.3462, 0.4187



54.4799, 0.2675, 0.3733

Sweetspot

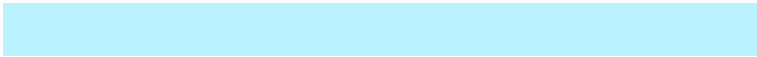
The Sweet Spot groups the original color and five complimentary colors.



54.4796, 0.2743, 0.2526



84.6599, 0.3028, 0.3087



81.3742, 0.2718, 0.3152



17.5419, 0.3008, 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.



54.4796, 0.2743, 0.2526



48.0448, 0.2659, 0.2366



59.6912, 0.2993, 0.2579



17.5419, 0.3008, 0.3046



4.1463, 0.1587, 0.0648



0.4453, 0.1682, 0.0700

Inverse Universe

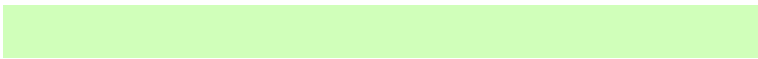
The Inverse Universe completely reimagines the original color for something new.



62.7951, 0.3256, 0.2732



57.5726, 0.3285, 0.2629



88.4547, 0.3226, 0.4042



18.2384, 0.3167, 0.3099



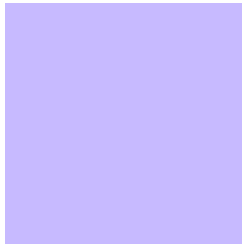
13.4863, 0.3751, 0.1840



1.3275, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 54.4799, 0.2743, 0.2526 looks on a white background.

Color Contrast Check

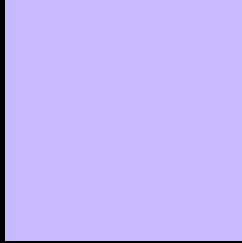
Large Text (above 18pt) WCAG AA × Fail

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 54.4799, 0.2743, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

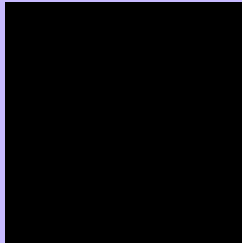
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4799, 0.2743, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 54.4799, 0.2743, 0.2526.



This preview shows how white text looks on a background with the Yxy color 54.4799, 0.2743, 0.2526.

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

54.4799, 0.2743, 0.2526

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.8001, 0.2640, 0.2582



Tritanopia

54.3131, 0.2988, 0.3096

Trichromacy



Original Color

54.4799, 0.2743, 0.2526

Protanomaly

54.4860, 0.2658, 0.2554

Deuteranomaly

54.6740, 0.2678, 0.2567

Tritanomaly

54.2219, 0.2899, 0.2879

Monochromacy



Original Color

54.4799, 0.2743, 0.2526

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7038, 0.2978, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4799, 0.2743, 0.2526 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, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.4799, 0.2743, 0.2526 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, 186, 255) }
```

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

```
.border{ border-color:rgb(199, 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(199, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4799, 0.2743, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 255) }
```

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

```
.background{ background-color: rgb(199,  
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](#).

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