

Converting Colors

Yxy(51.6822, 0.2954, 0.2497)

Have a look what the booklet for
Yxy(51.6822, 0.2954, 0.2497)
contains.

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Color

Yxy(51.7566, 0.2954, 0.2503)

Conversions

Conversions Part 1

Format	Color
Hex	DCADF6
RGB	220, 173, 246
RGB Percent	86%, 68%, 96%
CMY	0.1374, 0.3215, 0.0354
CMYK	0.11, 0.30, 0.00, 0.04
HSL	279°, 80%, 82%
HSV	279°, 30%, 96%
XYZ	61.0823, 51.7566, 93.9394
YIQ	195.3750, 4.5790, 32.6670

Conversions

Conversions Part 2

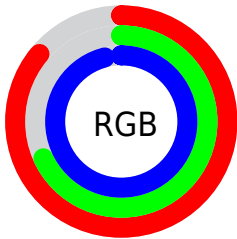
Format	Color
R _Y B	220, 173, 246
Decimal	14462454
CIE Lab	77.14, 30.04, -29.82
CIE LCh	77, 42.325, 315.209
Yxy	51.7566, 0.2954, 0.2503
Android (android.graphics.Color)	4292652534 (0xFFDCADF6)
YUV	195.3750, 24.9581, 21.5961
Hunter-Lab	71.9421, 25.6566, -27.0593

Details

The Yxy color **51.7566, 0.2954, 0.2503** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81.0616, 0.3253, 0.4116**, and the grayscale version is **54.6546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **24.9996, 0.2902, 0.2325** is the 20% darker color. If you saturate the color by 10%, you get **41.8439, 0.2877, 0.2221**, and if you desaturate by 10%, it is **63.4820, 0.3022, 0.2781**.

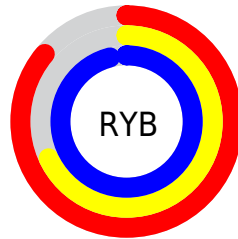
Distribution



Red (86%)

Green (68%)

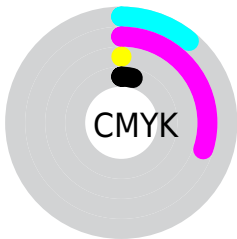
Blue (96%)



Red (86%)

Yellow (68%)

Blue (96%)

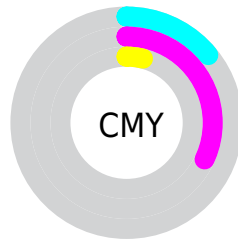


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (14%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7566, 0.2954, 0.2503 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 51.7566, 0.2954, 0.2503 by changing the saturation by 10% instead.


 51.7566, 0.2954,
0.2503

 51.7566, 0.2954,
0.2503


393.4962, 0.3046,
0.2865

 36.8111, 0.2930,
0.2422


 92.7722, 0.2988,
0.2628

 25.0613, 0.2899,
0.2322


119.6110, 0.3001,
0.2676

 16.1227, 0.2858,
0.2197


151.1832, 0.3011,
0.2719

 9.6110, 0.2801,
0.2036

187.8729, 0.3020,
0.2755

 5.1418, 0.2716,
0.1824

230.0647, 0.3028,
0.2788

 2.3307, 0.2583,
0.1533

278.1429, 0.3035,

 0.7899, 0.2353,

0.2816

0.1119

332.4920, 0.3041,
0.2842

0.0000, 0.1801,
0.0000

0.0000, 0.0000,
0.0000

51.7566, 0.2954,
0.2503

51.7566, 0.2954,
0.2503

41.8439, 0.2877,
0.2221

63.4820, 0.3022,
0.2781

33.6408, 0.2791,
0.1944

77.1027, 0.3080,
0.3048

27.0438, 0.2697,
0.1686

92.7040, 0.3129,
0.3298

21.9352, 0.2600,
0.1459

99.4324, 0.3179,
0.3376

■ 18.1805, 0.2502,
0.1274

■ 15.6200, 0.2408,
0.1140

■ 13.9986, 0.2318,
0.1052

■ 13.9499, 0.2315,
0.1049

Harmonies

Analogous

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



51.7566, 0.2468, 0.2392



51.7566, 0.2954, 0.2503



51.7566, 0.3537, 0.2781

Triad

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



51.7566, 0.2954, 0.2503



51.7566, 0.4151, 0.4033



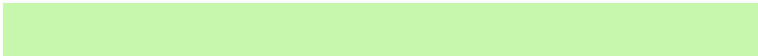
51.7566, 0.2281, 0.3312

Complementary

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



51.7566, 0.2954, 0.2503



81.0616, 0.3253, 0.4116

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.



51.7566, 0.2677, 0.3888



51.7566, 0.2954, 0.2503



51.7566, 0.3758, 0.4301

Square

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



51.7566, 0.2954, 0.2503



51.7566, 0.4264, 0.3619



51.7566, 0.3216, 0.4272



51.7566, 0.2109, 0.2797

Rectangle

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



51.7566, 0.2954, 0.2503



51.7566, 0.3892, 0.3035



51.7566, 0.3216, 0.4272



51.7566, 0.2391, 0.3508

Sweetspot

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



51.7588, 0.2954, 0.2503



84.7024, 0.3083, 0.3065



56.7425, 0.2638, 0.2748



17.6361, 0.3075, 0.3027



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.



51.7588, 0.2954, 0.2503



49.0579, 0.2905, 0.2322



55.5551, 0.3238, 0.2641



16.4556, 0.3081, 0.3053



7.5291, 0.2329, 0.1057



0.7193, 0.2440, 0.1118

Inverse Universe

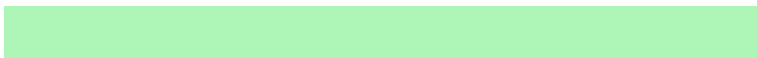
The Inverse Universe completely reimagines the original color for something new.



53.6095, 0.3555, 0.3013



51.5077, 0.3685, 0.2951



78.1924, 0.3033, 0.4040



16.5801, 0.3237, 0.3206



10.8556, 0.5553, 0.2833



0.9730, 0.5207, 0.2642

Previews

White Background



This preview shows how the Yxy color 51.7566, 0.2954, 0.2503 looks on a white background.

Color Contrast Check

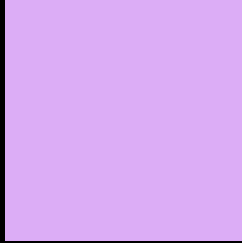
Large Text (above 18pt) WCAG AA × Fail

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 51.7566, 0.2954, 0.2503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

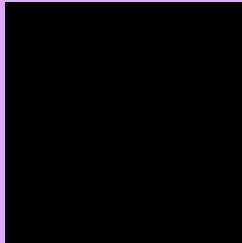
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7566, 0.2954, 0.2503

Background



This preview shows how black text looks on a background with the Yxy color 51.7566, 0.2954, 0.2503.



This preview shows how white text looks on a background with the Yxy color 51.7566, 0.2954, 0.2503.

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

51.7566, 0.2954, 0.2503

Protanopia

51.9571, 0.2565, 0.2512

Deuteranopia

51.9568, 0.2700, 0.2635



Tritanopia

51.8952, 0.3262, 0.3125

Trichromacy



Original Color

51.7566, 0.2954, 0.2503



Protanomaly

51.7141, 0.2689, 0.2506



Deuteranomaly

51.7233, 0.2789, 0.2584



Tritanomaly

51.5936, 0.3146, 0.2878

Monochromacy



Original Color

51.7566, 0.2954, 0.2503



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.2331, 0.3061, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7566, 0.2954, 0.2503 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(220, 173, 246)` looks like.

```
.text, #text, p{  
    color:rgb(220, 173, 246)  
}
```

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(220, 173, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 173, 246) }
```

Border

The CSS property to change the border of an element to Yxy 51.7566, 0.2954, 0.2503 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(220, 173, 246) }
```

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

```
.border{ border-color:rgb(220, 173, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 173, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 173, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 173, 246);  
box-shadow:4px 4px 4px 4px rgb(220, 173,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7566, 0.2954, 0.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 173, 246) }
```

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

```
.background{ background-color: rgb(220,  
173, 246) }
```

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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