

Converting Colors

Yxy(53.6712, 0.3180, 0.2578)

Have a look what the booklet for
Yxy(53.6712, 0.3180, 0.2578)
contains.

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Color

Yxy(53.6822, 0.3177, 0.2575)

Conversions

Conversions Part 1

Format	Color
Hex	F1AAEF
RGB	241, 170, 239
RGB Percent	95%, 67%, 94%
CMY	0.0549, 0.3333, 0.0626
CMYK	0.00, 0.29, 0.01, 0.05
HSL	302°, 72%, 81%
HSV	302°, 29%, 95%
XYZ	66.2324, 53.6822, 88.5600
YIQ	199.0950, 20.1670, 36.5110

Conversions

Conversions Part 2

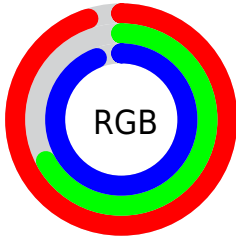
Format	Color
R _Y B	241, 170, 239
Decimal	15837935
CIE Lab	78.28, 36.92, -24.15
CIE LCh	78, 44.115, 326.815
Yxy	53.6822, 0.3177, 0.2575
Android (android.graphics.Color)	4294028015 (0xFFFF1AAEF)
YUV	199.0950, 19.6732, 36.7507
Hunter-Lab	73.2681, 33.1398, -20.3768

Details

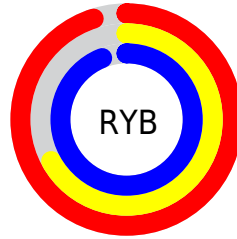
The Yxy color $53.6822, 0.3177, 0.2575$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74.4298, 0.3076, 0.4127$, and the grayscale version is $57.0444, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8727, 0.3140, 0.3009$, and $26.3318, 0.3179, 0.2414$ is the 20% darker color. If you saturate the color by 10%, you get $45.4228, 0.3195, 0.2340$, and if you desaturate by 10%, it is $63.6025, 0.3159, 0.2819$.

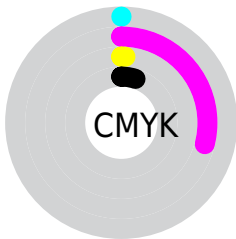
Distribution



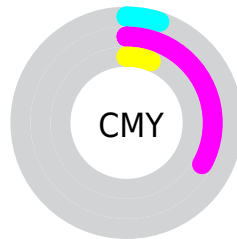
- Red (95%)
- Green (67%)
- Blue (94%)



- Red (95%)
- Yellow (67%)
- Blue (94%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6822, 0.3177, 0.2575 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 53.6822, 0.3177, 0.2575 by changing the saturation by 10% instead.


 53.6822, 0.3177,
0.2575

 53.6822, 0.3177,
0.2575


400.8970, 0.3161,
0.2902

 38.3476, 0.3179,
0.2502


 95.6075, 0.3173,
0.2688

 26.2526, 0.3180,
0.2411


122.9670, 0.3171,
0.2732

 17.0127, 0.3180,
0.2299


155.1036, 0.3169,
0.2770

 10.2436, 0.3177,
0.2154

192.4017, 0.3167,
0.2803

 5.5607, 0.3169,
0.1961

235.2457, 0.3166,
0.2832

 2.5799, 0.3146,
0.1695

284.0200, 0.3164,

 0.9166, 0.3087,

0.2858

0.1312

339.1089, 0.3163,
0.2881

0.0000, 0.3133,
0.0000

0.0000, 0.0000,
0.0000

53.6822, 0.3177,
0.2575

53.6822, 0.3177,
0.2575

45.4228, 0.3195,
0.2340

63.6025, 0.3159,
0.2819

38.7267, 0.3213,
0.2123


75.2603, 0.3142,
0.3064

33.4970, 0.3230,
0.1935


88.7361, 0.3126,
0.3303

29.6230, 0.3246,
0.1784

96.6119, 0.3117,
0.3421

 26.9785, 0.3259,
0.1675

 96.6518, 0.3113,
0.3414

 25.4136, 0.3271,
0.1610


 96.6918, 0.3109,
0.3408

 24.6908, 0.3280,
0.1582

 96.7320, 0.3105,
0.3401

 24.6603, 0.3280,
0.1581

 96.7724, 0.3102,
0.3395

 96.8129, 0.3098,
0.3388

Harmonies

Analogous

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



53.6822, 0.2622, 0.2390



53.6822, 0.3177, 0.2575



53.6822, 0.3770, 0.2913

Triad

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



53.6822, 0.3177, 0.2575



53.6822, 0.4050, 0.4185



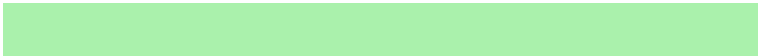
53.6822, 0.2161, 0.3087

Complementary

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



53.6822, 0.3177, 0.2575



74.4298, 0.3076, 0.4127

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.



53.6822, 0.2482, 0.3685



53.6822, 0.3177, 0.2575



53.6822, 0.3568, 0.4364

Square

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



53.6822, 0.3177, 0.2575



53.6822, 0.4293, 0.3798



53.6822, 0.2993, 0.4191



53.6822, 0.2080, 0.2630

Rectangle

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



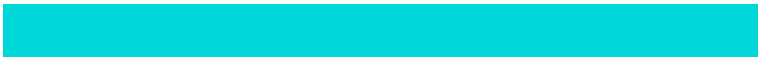
53.6822, 0.3177, 0.2575



53.6822, 0.4084, 0.3194



53.6822, 0.2993, 0.4191



53.6822, 0.2242, 0.3279

Sweetspot

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



53.6846, 0.3177, 0.2575



86.1807, 0.3142, 0.3075



43.7803, 0.2615, 0.2432



18.0023, 0.3144, 0.3039



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.



53.6846, 0.3177, 0.2575



55.5042, 0.3187, 0.2440



51.8252, 0.3470, 0.2920



16.0235, 0.3142, 0.3064



13.3772, 0.3279, 0.1580



1.1152, 0.3269, 0.1575

Inverse Universe

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



53.6846, 0.3177, 0.2575



55.5042, 0.3187, 0.2440



75.9423, 0.2883, 0.3694



16.0235, 0.3142, 0.3064



13.3772, 0.3279, 0.1580



1.1152, 0.3269, 0.1575

Previews

White Background



This preview shows how the Yxy color 53.6822, 0.3177, 0.2575 looks on a white background.

Color Contrast Check

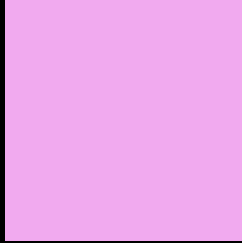
Large Text (above 18pt) WCAG AA × Fail

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 53.6822, 0.3177, 0.2575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

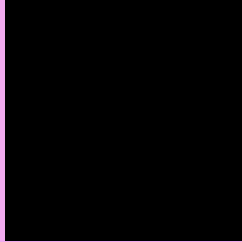
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6822, 0.3177, 0.2575

Background



This preview shows how black text looks on a background with the Yxy color 53.6822, 0.3177, 0.2575.



This preview shows how white text looks on a background with the Yxy color 53.6822, 0.3177, 0.2575.

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

53.6822, 0.3177, 0.2575

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.0315, 0.2824, 0.2767



Tritanopia

53.7526, 0.3500, 0.3136

Trichromacy



Original Color

53.6822, 0.3177, 0.2575



Protanomaly

53.3999, 0.2787, 0.2563



Deuteranomaly

53.6247, 0.2949, 0.2696



Tritanomaly

53.7083, 0.3377, 0.2921

Monochromacy



Original Color

53.6822, 0.3177, 0.2575



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1176, 0.3141, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6822, 0.3177, 0.2575 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(241, 170, 239)` looks like.

```
.text, #text, p{  
    color:rgb(241, 170, 239)  
}
```

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(241, 170, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 170, 239) }
```

Border

The CSS property to change the border of an element to Yxy 53.6822, 0.3177, 0.2575 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(241, 170, 239) }
```

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

```
.border{ border-color:rgb(241, 170, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 170, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 170, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 170, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 170,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6822, 0.3177, 0.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 170, 239) }
```

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

```
.background{ background-color: rgb(241,  
170, 239) }
```

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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