

Converting Colors

Yxy(52.2803, 0.3183, 0.2509)

Have a look what the booklet for
Yxy(52.2803, 0.3183, 0.2509)
contains.

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Color

Yxy(52.3158, 0.3181, 0.2510)

Conversions

Conversions Part 1	
Format	Color
Hex	F3A5F1
RGB	243, 165, 241
RGB Percent	95%, 65%, 95%
CMY	0.0469, 0.3530, 0.0549
CMYK	0.00, 0.32, 0.01, 0.05
HSL	302°, 77%, 80%
HSV	302°, 32%, 95%
XYZ	66.3014, 52.3158, 89.8123
YIQ	196.9860, 22.0920, 40.1720

Conversions

Conversions Part 2

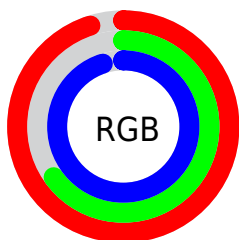
Format	Color
RYB	243, 165, 241
Decimal	15967729
CIELab	77.47, 40.55, -26.41
CIELCh	77, 48.395, 326.923
Yxy	52.3158, 0.3181, 0.2510
Android (android.graphics.Color)	4294157809 (0xFFFF3A5F1)
YUV	196.9860, 21.6989, 40.3543
Hunter-Lab	72.3297, 37.0462, -22.9901

Details

The Yxy color **52.3158, 0.3181, 0.2510** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **74.9119, 0.3071, 0.4217**, and the grayscale version is **55.6842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.5302, 0.3183, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **44.3308, 0.3199, 0.2279**, and if you desaturate by 10%, it is **61.9713, 0.3163, 0.2753**.

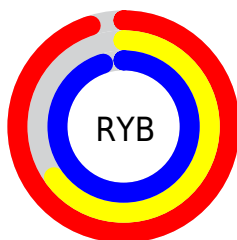
Distribution



Red (95%)

Green (65%)

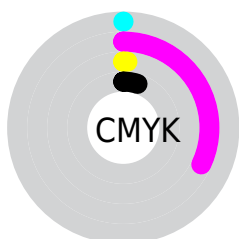
Blue (95%)



Red (95%)

Yellow (65%)

Blue (95%)

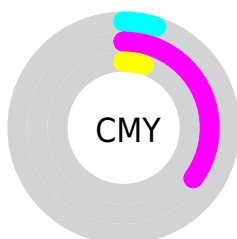


Cyan (0%)

Magenta (32%)

Yellow (1%)

Black (5%)



Cyan (5%)


Magenta (35%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3158, 0.3181, 0.2510 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 52.3158, 0.3181, 0.2510 by changing the saturation by 10% instead.


 52.3158, 0.3181,
0.2510

 52.3158, 0.3181,
0.2510


395.6546, 0.3165,
0.2866

 37.2569, 0.3182,
0.2430


 93.5968, 0.3177,
0.2632

 25.4064, 0.3183,
0.2333


 120.5877, 0.3175,
0.2680

 16.3801, 0.3182,
0.2212


152.3246, 0.3173,
0.2722

 9.7935, 0.3178,
0.2056

189.1921, 0.3171,
0.2758

 5.2623, 0.3166,
0.1850

231.5744, 0.3170,
0.2790

 2.4020, 0.3137,
0.1570


279.8560, 0.3168,


 0.8269, 0.3064,


0.2818


0.1171

334.4212, 0.3166,
0.2843


 0.0000, 0.3030,
0.0000


 0.0000, 0.0000,
0.0000


 52.3158, 0.3181,
0.2510


 52.3158, 0.3181,
0.2510


 44.3308, 0.3199,
0.2279


 61.9713, 0.3163,
0.2753

 37.9146, 0.3216,
0.2069


 73.3775, 0.3146,
0.2999


 32.9656, 0.3233,
0.1889


 86.6177, 0.3130,
0.3240


 29.3671, 0.3247,
0.1749


 97.0845, 0.3119,
0.3402


 26.9846, 0.3260,
0.1652


 97.1232, 0.3115,
0.3396


 25.6564, 0.3270,
0.1597

 97.1620, 0.3111,
0.3390

 25.1555, 0.3277,
0.1579

 97.2010, 0.3108,
0.3383

 97.2401, 0.3104,
0.3377

 97.2793, 0.3101,
0.3371

Harmonies

Analogous

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



52.3158, 0.2571, 0.2308



52.3158, 0.3181, 0.2510



52.3158, 0.3839, 0.2876

Triad

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



52.3158, 0.3181, 0.2510



52.3158, 0.4136, 0.4269



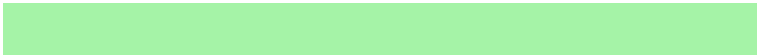
52.3158, 0.2067, 0.3056

Complementary

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



52.3158, 0.3181, 0.2510



74.9119, 0.3071, 0.4217

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.



52.3158, 0.2413, 0.3725



52.3158, 0.3181, 0.2510



52.3158, 0.3602, 0.4482

Square

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



52.3158, 0.3181, 0.2510



52.3158, 0.4412, 0.3837



52.3158, 0.2970, 0.4296



52.3158, 0.1983, 0.2557

Rectangle

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



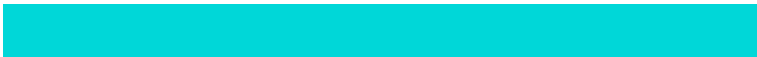
52.3158, 0.3181, 0.2510



52.3158, 0.4189, 0.3180



52.3158, 0.2970, 0.4296



52.3158, 0.2154, 0.3269

Sweetspot

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



52.3181, 0.3181, 0.2510



84.7527, 0.3143, 0.3050



41.5188, 0.2561, 0.2341



17.7179, 0.3145, 0.3015



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.



52.3181, 0.3181, 0.2510



51.9393, 0.3193, 0.2347



50.2661, 0.3511, 0.2885



16.7604, 0.3142, 0.3063



13.8051, 0.3276, 0.1578



1.2157, 0.3267, 0.1573

Inverse Universe

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



52.3181, 0.3181, 0.2510



51.9393, 0.3193, 0.2347



76.5434, 0.2863, 0.3737



16.7604, 0.3142, 0.3063



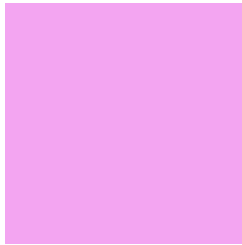
13.8051, 0.3276, 0.1578



1.2157, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 52.3158, 0.3181, 0.2510 looks on a white background.

Color Contrast Check

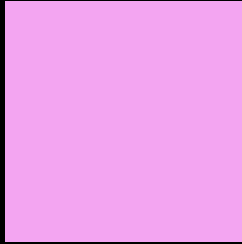
Large Text (above 18pt) WCAG AA × Fail

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 52.3158, 0.3181, 0.2510 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 52.3158, 0.3181, 0.2510

Background



This preview shows how black text looks on a background with the Yxy color 52.3158, 0.3181, 0.2510.



This preview shows how white text looks on a background with the Yxy color 52.3158, 0.3181, 0.2510.

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

52.3158, 0.3181, 0.2510

Protanopia

52.4994, 0.2572, 0.2525

Deuteranopia

52.7722, 0.2780, 0.2717



Tritanopia

52.1669, 0.3553, 0.3136

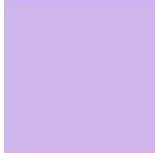
Trichromacy



Original Color
52.3158, 0.3181, 0.2510



Protanomaly
51.5504, 0.2763, 0.2505



Deuteranomaly
52.2255, 0.2919, 0.2639

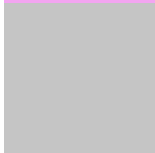


Tritanomaly
52.0306, 0.3418, 0.2890

Monochromacy



Original Color
52.3158, 0.3181, 0.2510



Achromatopsia
55.8340, 0.3127, 0.3290



Achromatomaly
53.7982, 0.3150, 0.2969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3158, 0.3181, 0.2510 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(243, 165, 241) looks like.

```
.text, #text, p{  
    color:rgb(243, 165, 241)  
}
```

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(243, 165, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 165, 241) }
```

Border

The CSS property to change the border of an element to Yxy 52.3158, 0.3181, 0.2510 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(243, 165, 241) }
```

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

```
.border{ border-color:rgb(243, 165, 241) }
```

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

Here you see how a box with a 4 pixel rgb(243, 165, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 165, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 165, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 165,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3158, 0.3181, 0.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 165, 241) }
```

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

```
.background{ background-color: rgb(243,  
165, 241) }
```

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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