

Converting Colors

Yxy(51.3718, 0.3354, 0.2743)

Have a look what the booklet for
Yxy(51.3718, 0.3354, 0.2743)
contains.

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Color

Yxy(51.4002, 0.3354, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7DA
RGB	241, 167, 218
RGB Percent	95%, 65%, 85%
CMY	0.0548, 0.3451, 0.1450
CMYK	0.00, 0.31, 0.10, 0.05
HSL	319°, 73%, 80%
HSV	319°, 31%, 95%
XYZ	62.7580, 51.4002, 72.9557
YIQ	194.9400, 27.7330, 31.5490

Conversions

Conversions Part 2

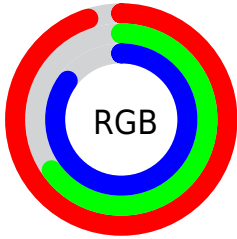
Format	Color
R _Y B	241, 167, 218
Decimal	15837146
CIE Lab	76.92, 34.87, -14.80
CIE LCh	77, 37.883, 337.000
Yxy	51.4002, 0.3354, 0.2747
Android (android.graphics.Color)	4294027226 (0xFFFF1A7DA)
YUV	194.9400, 11.3686, 40.3946
Hunter-Lab	71.6939, 30.7874, -10.1477

Details

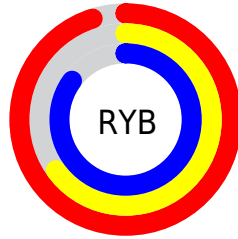
The Yxy color **51.4002, 0.3354, 0.2747** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.8593, 0.2957, 0.3904**, and the grayscale version is **54.4565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **24.8693, 0.3410, 0.2618** is the 20% darker color. If you saturate the color by 10%, you get **42.9964, 0.3453, 0.2569**, and if you desaturate by 10%, it is **61.4720, 0.3268, 0.2928**.

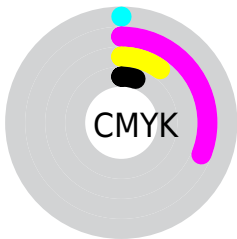
Distribution



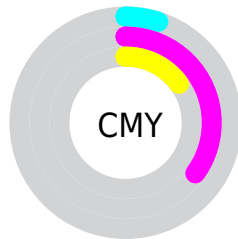
- Red (95%)
- Green (65%)
- Blue (85%)



- Red (95%)
- Yellow (65%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4002, 0.3354, 0.2747 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 51.4002, 0.3354, 0.2747 by changing the saturation by 10% instead.


 51.4002, 0.3354,
0.2747

 51.4002, 0.3354,
0.2747


392.1167, 0.3248,
0.3001

 36.5272, 0.3378,
0.2688


 92.2461, 0.3317,
0.2836

 24.8416, 0.3408,
0.2615


 118.9877, 0.3303,
0.2870

 15.9591, 0.3446,
0.2522


150.4544, 0.3291,
0.2900

 9.4952, 0.3496,
0.2401

187.0305, 0.3280,
0.2925

 5.0656, 0.3564,
0.2234

229.1003, 0.3271,
0.2948

 2.2858, 0.3661,
0.1992


277.0484, 0.3262,

 0.7662, 0.3812,

0.2968

0.1608

331.2590, 0.3255,
0.2986


 0.0000, 0.4427,
0.0000


 0.0000, 0.0000,
0.0000


 51.4002, 0.3354,
0.2747


 51.4002, 0.3354,
0.2747


 42.9964, 0.3453,
0.2569


 61.4720, 0.3268,
0.2928


 36.1618, 0.3565,
0.2403

 73.2896, 0.3194,
0.3107

 30.7979, 0.3687,
0.2259

 86.9342, 0.3131,
0.3278

 26.7921, 0.3818,
0.2149

 97.0019, 0.3081,
0.3359

■ 24.0156, 0.3953,
0.2083

■ 97.4457, 0.3042,
0.3290

■ 22.3140, 0.4086,
0.2066

■ 21.4634, 0.4207,
0.2091

Harmonies

Analogous

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



51.4002, 0.2840, 0.2531



51.4002, 0.3354, 0.2747



51.4002, 0.3838, 0.3085

Triad

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



51.4002, 0.3354, 0.2747



51.4002, 0.3815, 0.4156



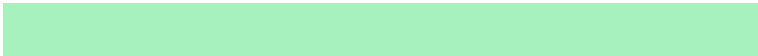
51.4002, 0.2226, 0.2964

Complementary

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



51.4002, 0.3354, 0.2747



74.8593, 0.2957, 0.3904

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.



51.4002, 0.2444, 0.3457



51.4002, 0.3354, 0.2747



51.4002, 0.3352, 0.4205

Square

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



51.4002, 0.3354, 0.2747



51.4002, 0.4106, 0.3874



51.4002, 0.2850, 0.3941



51.4002, 0.2225, 0.2621

Rectangle

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



51.4002, 0.3354, 0.2747



51.4002, 0.4057, 0.3349



51.4002, 0.2850, 0.3941



51.4002, 0.2275, 0.3117

Sweetspot

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



51.4025, 0.3354, 0.2747



85.7705, 0.3183, 0.3136



44.8310, 0.2746, 0.2426



17.9006, 0.3192, 0.3111



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.



51.4025, 0.3354, 0.2747



52.1009, 0.3416, 0.2632



49.7086, 0.3683, 0.3128



15.9429, 0.3186, 0.3129



11.6614, 0.4186, 0.2080



0.9879, 0.4026, 0.1991

Inverse Universe

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



51.4025, 0.3354, 0.2747



52.1009, 0.3416, 0.2632



76.6448, 0.2761, 0.3461



15.9429, 0.3186, 0.3129



11.6614, 0.4186, 0.2080



0.9879, 0.4026, 0.1991

Previews

White Background



This preview shows how the Yxy color 51.4002, 0.3354, 0.2747 looks on a white background.

Color Contrast Check

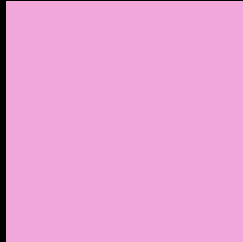
Large Text (above 18pt) WCAG AA × Fail

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 51.4002, 0.3354, 0.2747 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 51.4002, 0.3354, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 51.4002, 0.3354, 0.2747.



This preview shows how white text looks on a background with the Yxy color 51.4002, 0.3354, 0.2747.

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

51.4002, 0.3354, 0.2747

Protanopia

51.4959, 0.2755, 0.2762

Deuteranopia

51.4745, 0.2998, 0.2932



Tritanopia

51.4368, 0.3593, 0.3147

Trichromacy



Original Color

51.4002, 0.3354, 0.2747



Protanomaly

50.7451, 0.2950, 0.2745



Deuteranomaly

50.9448, 0.3123, 0.2853



Tritanomaly

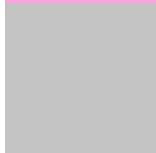
51.3802, 0.3498, 0.2995

Monochromacy



Original Color

51.4002, 0.3354, 0.2747



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.0068, 0.3212, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4002, 0.3354, 0.2747 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, 167, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 218)  
}
```

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, 167, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 218) }
```

Border

The CSS property to change the border of an element to Yxy 51.4002, 0.3354, 0.2747 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, 167, 218) }
```

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

```
.border{ border-color:rgb(241, 167, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 167, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4002, 0.3354, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 218) }
```

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

```
.background{ background-color: rgb(241,  
167, 218) }
```

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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