

Converting Colors

Yxy(53.6673, 0.3190, 0.2421)

Have a look what the booklet for
Yxy(53.6673, 0.3190, 0.2421)
contains.

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Color

Yxy(53.6254, 0.3193, 0.2422)

Conversions

Conversions Part 1

Format	Color
Hex	FDA2FA
RGB	253, 162, 250
RGB Percent	99%, 64%, 98%
CMY	0.0077, 0.3648, 0.0195
CMYK	0.00, 0.36, 0.01, 0.01
HSL	302°, 96%, 81%
HSV	302°, 36%, 99%
XYZ	70.6961, 53.6254, 97.0881
YIQ	199.2410, 25.9880, 46.6600

Conversions

Conversions Part 2

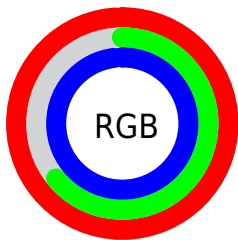
Format	Color
RYB	253, 162, 250
Decimal	16622330
CIELab	78.24, 46.81, -30.01
CIELCh	78, 55.602, 327.331
Yxy	53.6254, 0.3193, 0.2422
Android (android.graphics.Color)	4294812410 (0xFFFDA2FA)
YUV	199.2410, 25.0242, 47.1466
Hunter-Lab	73.2294, 44.1736, -27.3466

Details

The Yxy color **53.6254, 0.3193, 0.2422** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80.6691, 0.3061, 0.4345**, and the grayscale version is **57.1019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **26.1775, 0.3199, 0.2234** is the 20% darker color. If you saturate the color by 10%, you get **45.5411, 0.3213, 0.2198**, and if you desaturate by 10%, it is **63.5081, 0.3174, 0.2661**.

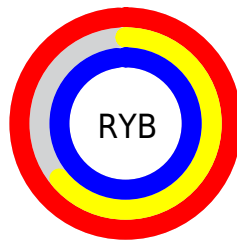
Distribution



Red (99%)

Green (64%)

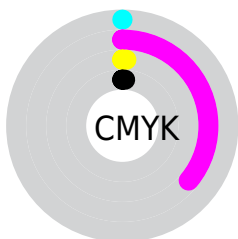
Blue (98%)



Red (99%)

Yellow (64%)

Blue (98%)

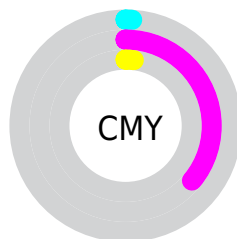


Cyan (0%)

Magenta (36%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (36%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6254, 0.3193, 0.2422 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 53.6254, 0.3193, 0.2422 by changing the saturation by 10% instead.


 53.6254, 0.3193,
0.2422


 53.6254, 0.3193,
0.2422


400.6799, 0.3174,
0.2812

 38.3023, 0.3195,
0.2336

 95.5240, 0.3188,
0.2555

 26.2174, 0.3195,
0.2232


 122.8683, 0.3186,
0.2607

 16.9863, 0.3194,
0.2104


154.9883, 0.3184,
0.2653

 10.2247, 0.3189,
0.1941

192.2686, 0.3182,
0.2692

 5.5482, 0.3176,
0.1729

235.0936, 0.3179,
0.2728

 2.5724, 0.3144,
0.1448

283.8475, 0.3177,

 0.9128, 0.3067,

0.2759

0.1063

338.9148, 0.3176,
0.2787

0.0000, 0.3034,
0.0000

0.0000, 0.0000,
0.0000

53.6254, 0.3193,
0.2422

53.6254, 0.3193,
0.2422

45.5411, 0.3213,
0.2198

63.5081, 0.3174,
0.2661

39.1397, 0.3232,
0.2000

75.2811, 0.3155,
0.2906

34.3039, 0.3250,
0.1836

89.0388, 0.3137,
0.3148

30.8979, 0.3266,
0.1713

99.5249, 0.3124,
0.3306

■ 28.7633, 0.3280,
0.1634

99.5784, 0.3120,
0.3298

■ 27.7030, 0.3291,
0.1596

99.6294, 0.3115,
0.3290

■ 27.4620, 0.3295,
0.1589

Harmonies

Analogous

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



53.6254, 0.2505, 0.2195



53.6254, 0.3193, 0.2422



53.6254, 0.3946, 0.2827

Triad

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



53.6254, 0.3193, 0.2422



53.6254, 0.4250, 0.4387



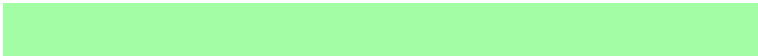
53.6254, 0.1934, 0.3002

Complementary

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



53.6254, 0.3193, 0.2422



80.6691, 0.3061, 0.4345

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.



53.6254, 0.2308, 0.3775



53.6254, 0.3193, 0.2422



53.6254, 0.3640, 0.4652

Square

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



53.6254, 0.3193, 0.2422



53.6254, 0.4580, 0.3891



53.6254, 0.2928, 0.4448



53.6254, 0.1850, 0.2450

Rectangle

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



53.6254, 0.3193, 0.2422



53.6254, 0.4344, 0.3162



53.6254, 0.2928, 0.4448



53.6254, 0.2027, 0.3245

Sweetspot

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



53.6278, 0.3193, 0.2422



83.3313, 0.3146, 0.3027



40.7682, 0.2478, 0.2203



17.4341, 0.3148, 0.2994



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.



53.6278, 0.3193, 0.2422



48.6067, 0.3207, 0.2263



51.1798, 0.3575, 0.2834



18.2894, 0.3143, 0.3063



14.6086, 0.3294, 0.1588



1.4255, 0.3283, 0.1582

Inverse Universe

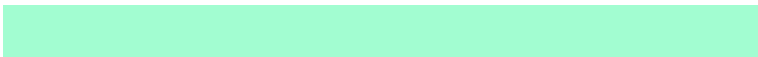
The Inverse Universe completely reimagines the original color for something new.



53.6278, 0.3193, 0.2422



48.6067, 0.3207, 0.2263



82.5575, 0.2834, 0.3802



18.2894, 0.3143, 0.3063



14.6086, 0.3294, 0.1588



1.4255, 0.3283, 0.1582

Previews

White Background



This preview shows how the Yxy color 53.6254, 0.3193, 0.2422 looks on a white background.

Color Contrast Check

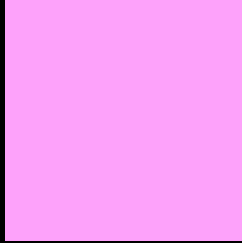
Large Text (above 18pt) WCAG AA × Fail

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 53.6254, 0.3193, 0.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

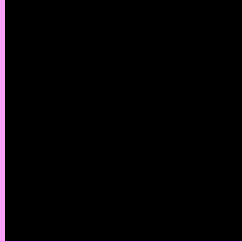
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6254, 0.3193, 0.2422

Background



This preview shows how black text looks on a background with the Yxy color 53.6254, 0.3193, 0.2422.



This preview shows how white text looks on a background with the Yxy color 53.6254, 0.3193, 0.2422.

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

53.6254, 0.3193, 0.2422

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

53.8586, 0.2718, 0.2655



Tritanopia

53.7033, 0.3641, 0.3151

Trichromacy



Original Color

53.6254, 0.3193, 0.2422



Protanomaly

52.9770, 0.2788, 0.2497



Deuteranomaly

53.0596, 0.2872, 0.2553



Tritanomaly

53.4091, 0.3472, 0.2860

Monochromacy



Original Color

53.6254, 0.3193, 0.2422



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.2398, 0.3152, 0.2930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6254, 0.3193, 0.2422 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(253, 162, 250)` looks like.

```
.text, #text, p{  
    color:rgb(253, 162, 250)  
}
```

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(253, 162, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 162, 250) }
```

Border

The CSS property to change the border of an element to Yxy 53.6254, 0.3193, 0.2422 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(253, 162, 250) }
```

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

```
.border{ border-color:rgb(253, 162, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 162, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 162, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 162, 250);  
box-shadow:4px 4px 4px 4px rgb(253, 162,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6254, 0.3193, 0.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 162, 250) }
```

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

```
.background{ background-color: rgb(253,  
162, 250) }
```

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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