

Converting Colors

Yxy(53.2658, 0.3245, 0.2451)

Have a look what the booklet for
Yxy(53.2658, 0.3245, 0.2451)
contains.

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Color

Yxy(53.4036, 0.3242, 0.2452)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1F6
RGB	255, 161, 246
RGB Percent	100%, 63%, 96%
CMY	0.0002, 0.3685, 0.0353
CMYK	0.00, 0.37, 0.04, 0.00
HSL	306°, 100%, 82%
HSV	306°, 37%, 100%
XYZ	70.6095, 53.4036, 93.7830
YIQ	198.7960, 28.7390, 46.3630

Conversions

Conversions Part 2

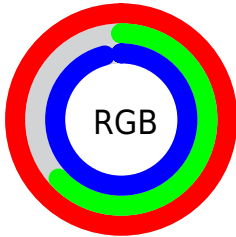
Format	Color
R _Y B	255, 161, 246
Decimal	16753142
CIE Lab	78.11, 47.18, -28.03
CIE LCh	78, 54.879, 329.288
Yxy	53.4036, 0.3242, 0.2452
Android (android.graphics.Color)	4294943222 (0xFFFFA1F6)
YUV	198.7960, 23.2716, 49.2909
Hunter-Lab	73.0778, 44.5849, -24.9343

Details

The Yxy color **53.4036, 0.3242, 0.2452** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.9761, 0.3029, 0.4304**, and the grayscale version is **56.8265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **26.0598, 0.3266, 0.2271** is the 20% darker color. If you saturate the color by 10%, you get **45.2351, 0.3279, 0.2240**, and if you desaturate by 10%, it is **63.3956, 0.3207, 0.2678**.

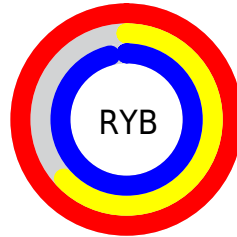
Distribution



Red (100%)

Green (63%)

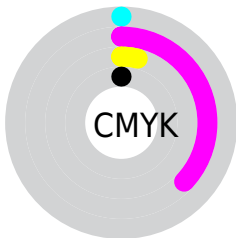
Blue (96%)



Red (100%)

Yellow (63%)

Blue (96%)

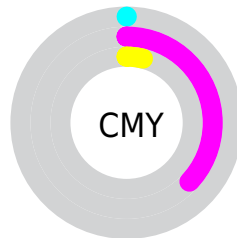


Cyan (0%)

Magenta (37%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4036, 0.3242, 0.2452 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 53.4036, 0.3242, 0.2452 by changing the saturation by 10% instead.


 53.4036, 0.3242,
0.2452

 53.4036, 0.3242,
0.2452


399.8317, 0.3199,
0.2830

 38.1251, 0.3250,
0.2369


 95.1980, 0.3229,
0.2581

 26.0798, 0.3258,
0.2267


 122.4826, 0.3223,
0.2632

 16.8833, 0.3266,
0.2141


154.5381, 0.3218,
0.2676

 10.1513, 0.3273,
0.1982

191.7488, 0.3213,
0.2714

 5.4994, 0.3278,
0.1773

234.4991, 0.3209,
0.2748

 2.5432, 0.3272,
0.1494

283.1734, 0.3205,

 0.8982, 0.3235,

0.2778

0.1107

338.1561, 0.3202,
0.2806

■ 0.0000, 0.3291,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4036, 0.3242,
0.2452

■ 53.4036, 0.3242,
0.2452

■ 45.2351, 0.3279,
0.2240

■ 63.3956, 0.3207,
0.2678

■ 38.7718, 0.3318,
0.2051

■ 75.3056, 0.3174,
0.2909

■ 33.8927, 0.3356,
0.1897

■ 89.2302, 0.3145,
0.3138

■ 30.4580, 0.3394,
0.1783

99.9925, 0.3127,
0.3290

■ 28.3035, 0.3428,
0.1714

■ 27.2214, 0.3460,
0.1688

■ 27.0033, 0.3470,
0.1685

Harmonies

Analogous

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



53.4036, 0.2551, 0.2214



53.4036, 0.3242, 0.2452



53.4036, 0.3981, 0.2863

Triad

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



53.4036, 0.3242, 0.2452



53.4036, 0.4207, 0.4404



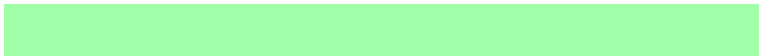
53.4036, 0.1932, 0.2962

Complementary

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



53.4036, 0.3242, 0.2452



81.9761, 0.3029, 0.4304

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.



53.4036, 0.2285, 0.3718



53.4036, 0.3242, 0.2452



53.4036, 0.3591, 0.4639

Square

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



53.4036, 0.3242, 0.2452



53.4036, 0.4555, 0.3922



53.4036, 0.2886, 0.4401



53.4036, 0.1866, 0.2434

Rectangle

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



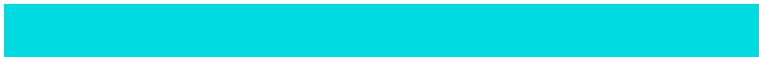
53.4036, 0.3242, 0.2452



53.4036, 0.4360, 0.3199



53.4036, 0.2886, 0.4401



53.4036, 0.2018, 0.3198

Sweetspot

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



53.4060, 0.3242, 0.2452



83.2199, 0.3157, 0.3044



41.1353, 0.2503, 0.2185



17.4073, 0.3161, 0.3013



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.



53.4060, 0.3242, 0.2452



47.3954, 0.3269, 0.2298



50.9294, 0.3649, 0.2885



18.2688, 0.3153, 0.3078



14.1270, 0.3465, 0.1683



1.3838, 0.3432, 0.1664

Inverse Universe

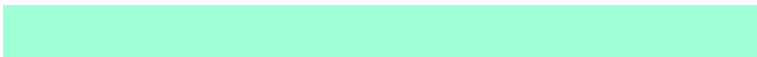
The Inverse Universe completely reimagines the original color for something new.



53.4060, 0.3242, 0.2452



47.3954, 0.3269, 0.2298



84.0233, 0.2797, 0.3741



18.2688, 0.3153, 0.3078



14.1270, 0.3465, 0.1683



1.3838, 0.3432, 0.1664

Previews

White Background



This preview shows how the Yxy color 53.4036, 0.3242, 0.2452 looks on a white background.

Color Contrast Check

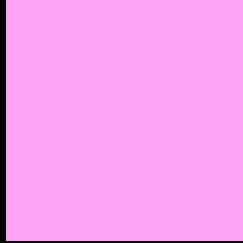
Large Text (above 18pt) WCAG AA × Fail

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 53.4036, 0.3242, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

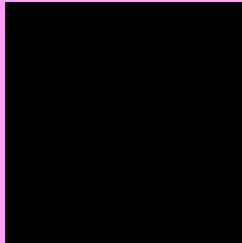
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4036, 0.3242, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 53.4036, 0.3242, 0.2452.



This preview shows how white text looks on a background with the Yxy color 53.4036, 0.3242, 0.2452.

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

53.4036, 0.3242, 0.2452

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.8692, 0.2757, 0.2699



Tritanopia

53.2065, 0.3682, 0.3152

Trichromacy



Original Color

53.4036, 0.3242, 0.2452



Protanomaly

52.5082, 0.2794, 0.2495



Deuteranomaly

52.7083, 0.2914, 0.2584



Tritanomaly

53.2540, 0.3518, 0.2882

Monochromacy



Original Color

53.4036, 0.3242, 0.2452



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.7159, 0.3168, 0.2940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4036, 0.3242, 0.2452 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(255, 161, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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(255, 161, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 246) }
```

Border

The CSS property to change the border of an element to Yxy 53.4036, 0.3242, 0.2452 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(255, 161, 246) }
```

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

```
.border{ border-color:rgb(255, 161, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4036, 0.3242, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 246) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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