

Converting Colors

Yxy(53.0004, 0.3401, 0.2643)

Have a look what the booklet for
Yxy(53.0004, 0.3401, 0.2643)
contains.

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Color

Yxy(53.0004, 0.3401, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3E3
RGB	255, 163, 227
RGB Percent	100%, 64%, 89%
CMY	0.0001, 0.3607, 0.1097
CMYK	0.00, 0.36, 0.11, 0.00
HSL	318°, 100%, 82%
HSV	318°, 36%, 100%
XYZ	68.2007, 53.0004, 79.3301
YIQ	197.8040, 34.2880, 39.4080

Conversions

Conversions Part 2

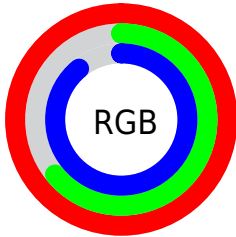
Format	Color
R_{YB}	255, 163, 227
Decimal	16753635
CIE Lab	77.88, 43.00, -18.11
CIE LCh	78, 46.655, 337.157
Yxy	53.0004, 0.3401, 0.2643
Android (android.graphics.Color)	4294943715 (0xFFFFA3E3)
YUV	197.8040, 14.3936, 50.1609
Hunter-Lab	72.8014, 39.8172, -13.6461

Details

The Yxy color **53.0004, 0.3401, 0.2643** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0568, 0.2933, 0.4043**, and the grayscale version is **56.2444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.7862, 0.3461, 0.2483** is the 20% darker color. If you saturate the color by 10%, you get **44.4235, 0.3505, 0.2469**, and if you desaturate by 10%, it is **63.4267, 0.3309, 0.2826**.

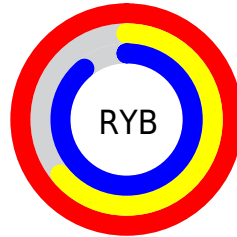
Distribution



Red (100%)

Green (64%)

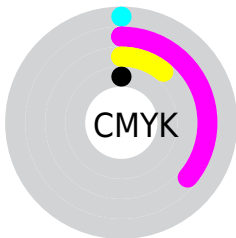
Blue (89%)



Red (100%)

Yellow (64%)

Blue (89%)

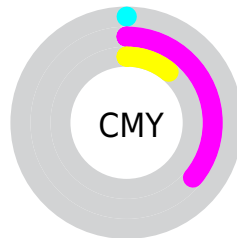


Cyan (0%)

Magenta (36%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0004, 0.3401, 0.2643 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 53.0004, 0.3401, 0.2643 by changing the saturation by 10% instead.


 53.0004, 0.3401,
0.2643


 53.0004, 0.3401,
0.2643

398.2867, 0.3276,
0.2941

 37.8031, 0.3429,
0.2575


 94.6050, 0.3358,
0.2746

 25.8299, 0.3464,
0.2492


 121.7810, 0.3341,
0.2786

 16.6964, 0.3507,
0.2388


153.7187, 0.3326,
0.2821

 10.0183, 0.3563,
0.2252

190.8025, 0.3314,
0.2851

 5.4111, 0.3638,
0.2070

233.4169, 0.3302,
0.2878

 2.4904, 0.3742,
0.1815

281.9461, 0.3292,

 0.8718, 0.3892,

0.2901

0.1437

336.7745, 0.3284,
0.2922

■ 0.0000, 0.4497,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0004, 0.3401,
0.2643

■ 53.0004, 0.3401,
0.2643

■ 44.4235, 0.3505,
0.2469

■ 63.4267, 0.3309,
0.2826

■ 37.5782, 0.3620,
0.2312

■ 75.7965, 0.3230,
0.3008

■ 32.3443, 0.3745,
0.2184

■ 90.2061, 0.3163,
0.3186

■ 28.5832, 0.3875,
0.2095

99.9968, 0.3127,
0.3290

■ 26.1327, 0.4007,
0.2055

■ 24.7914, 0.4134,
0.2065

■ 24.4506, 0.4184,
0.2078

Harmonies

Analogous

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



53.0004, 0.2777, 0.2388



53.0004, 0.3401, 0.2643



53.0004, 0.3997, 0.3038

Triad

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



53.0004, 0.3401, 0.2643



53.0004, 0.3946, 0.4336



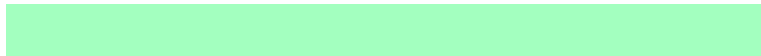
53.0004, 0.2049, 0.2878

Complementary

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



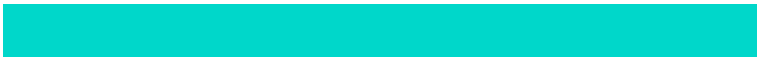
53.0004, 0.3401, 0.2643



83.0568, 0.2933, 0.4043

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.



53.0004, 0.2300, 0.3484



53.0004, 0.3401, 0.2643



53.0004, 0.3382, 0.4419

Square

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



53.0004, 0.3401, 0.2643



53.0004, 0.4310, 0.3976



53.0004, 0.2779, 0.4096



53.0004, 0.2053, 0.2478

Rectangle

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



53.0004, 0.3401, 0.2643



53.0004, 0.4265, 0.3348



53.0004, 0.2779, 0.4096



53.0004, 0.2104, 0.3063

Sweetspot

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



53.0028, 0.3401, 0.2643



82.8539, 0.3195, 0.3099



44.4421, 0.2662, 0.2252



17.3197, 0.3204, 0.3075



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.



53.0028, 0.3401, 0.2643



46.8744, 0.3472, 0.2521



50.8079, 0.3825, 0.3099



18.2008, 0.3185, 0.3126



12.8057, 0.4164, 0.2067



1.2663, 0.4028, 0.1992

Inverse Universe

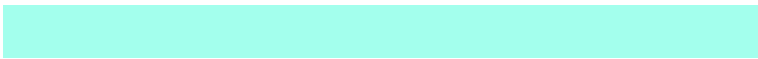
The Inverse Universe completely reimagines the original color for something new.



53.0028, 0.3401, 0.2643



46.8744, 0.3472, 0.2521



85.3873, 0.2705, 0.3495



18.2008, 0.3185, 0.3126



12.8057, 0.4164, 0.2067



1.2663, 0.4028, 0.1992

Previews

White Background



This preview shows how the Yxy color 53.0004, 0.3401, 0.2643 looks on a white background.

Color Contrast Check

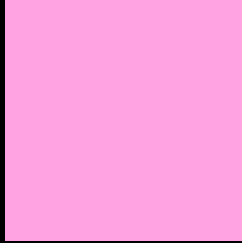
Large Text (above 18pt) WCAG AA × Fail

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 53.0004, 0.3401, 0.2643 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 53.0004, 0.3401, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 53.0004, 0.3401, 0.2643.



This preview shows how white text looks on a background with the Yxy color 53.0004, 0.3401, 0.2643.

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

53.0004, 0.3401, 0.2643

Protanopia

53.4991, 0.2666, 0.2648

Deuteranopia

53.2461, 0.2956, 0.2890



Tritanopia

52.9105, 0.3733, 0.3153

Trichromacy



Original Color

53.0004, 0.3401, 0.2643



Protanomaly

52.5451, 0.2904, 0.2639



Deuteranomaly

52.6821, 0.3109, 0.2787



Tritanomaly

52.8708, 0.3610, 0.2956

Monochromacy



Original Color

53.0004, 0.3401, 0.2643



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.3614, 0.3223, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0004, 0.3401, 0.2643 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, 163, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 227)  
}
```

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, 163, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 227) }
```

Border

The CSS property to change the border of an element to Yxy 53.0004, 0.3401, 0.2643 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, 163, 227) }
```

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

```
.border{ border-color:rgb(255, 163, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0004, 0.3401, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 227) }
```

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

```
.background{ background-color: rgb(255,  
163, 227) }
```

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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