

Converting Colors

$Y_{xy}(53.0953, 0.3461, 0.2737)$

Have a look what the booklet for
Yxy(53.0953, 0.3461, 0.2737)
contains.

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Color

Yxy(53.0956, 0.3461, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	FEA5DB
RGB	254, 165, 219
RGB Percent	100%, 65%, 86%
CMY	0.0039, 0.3529, 0.1413
CMYK	0.00, 0.35, 0.14, 0.00
HSL	324°, 98%, 82%
HSV	324°, 35%, 100%
XYZ	67.1161, 53.0956, 73.7094
YIQ	197.7670, 35.7100, 35.6620

Conversions

Conversions Part 2

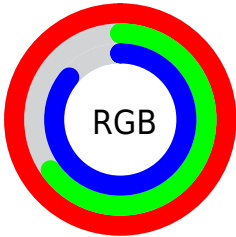
Format	Color
R_{YB}	254, 165, 219
Decimal	16688603
CIE _{Lab}	77.93, 40.37, -13.66
CIE _{LCh}	78, 42.617, 341.305
Yxy	53.0956, 0.3461, 0.2738
Android (android.graphics.Color)	4294878683 (0xFFFEA5DB)
YUV	197.7670, 10.4679, 49.3163
Hunter-Lab	72.8667, 36.8960, -8.9690

Details

The Yxy color **53.0956, 0.3461, 0.2738** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0670, 0.2897, 0.3920**, and the grayscale version is **56.2434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **26.0044, 0.3542, 0.2612** is the 20% darker color. If you saturate the color by 10%, you get **44.3157, 0.3595, 0.2582**, and if you desaturate by 10%, it is **63.7317, 0.3345, 0.2900**.

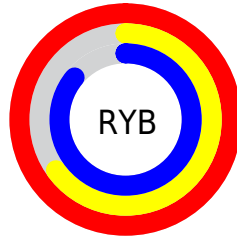
Distribution



Red (100%)

Green (65%)

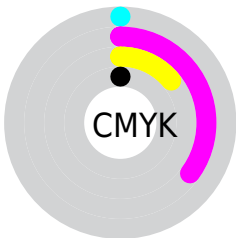
Blue (86%)



Red (100%)

Yellow (65%)

Blue (86%)

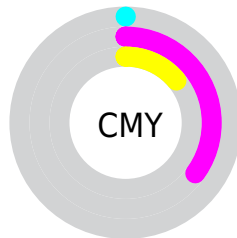


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0956, 0.3461, 0.2738 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 53.0956, 0.3461, 0.2738 by changing the saturation by 10% instead.


 53.0956, 0.3461,
0.2738

 53.0956, 0.3461,
0.2738

398.6518, 0.3304,
0.2995

 37.8791, 0.3497,
0.2679

 94.7450, 0.3406,
0.2827

 25.8889, 0.3543,
0.2606


 121.9467, 0.3385,
0.2862

 16.7405, 0.3600,
0.2514


153.9123, 0.3367,
0.2892

 10.0497, 0.3677,
0.2393

191.0261, 0.3351,
0.2918

 5.4319, 0.3782,
0.2228

233.6726, 0.3337,
0.2941

 2.5028, 0.3935,
0.1993

282.2361, 0.3325,

 0.8781, 0.4178,

0.2961

0.1632

337.1010, 0.3314,
0.2979

■ 0.0000, 0.5211,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0956, 0.3461,
0.2738

■ 53.0956, 0.3461,
0.2738

■ 44.3157, 0.3595,
0.2582

■ 63.7317, 0.3345,
0.2900

■ 37.2757, 0.3748,
0.2441

■ 76.3166, 0.3246,
0.3060

■ 31.8580, 0.3916,
0.2327

■ 90.9453, 0.3164,
0.3215

■ 27.9266, 0.4095,
0.2251

99.8143, 0.3121,
0.3290

■ 25.3234, 0.4279,
0.2223

■ 23.8539, 0.4459,
0.2250

■ 23.4078, 0.4546,
0.2278

Harmonies

Analogous

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



53.0956, 0.2883, 0.2479



53.0956, 0.3461, 0.2738



53.0956, 0.3982, 0.3120

Triad

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



53.0956, 0.3461, 0.2738



53.0956, 0.3820, 0.4278



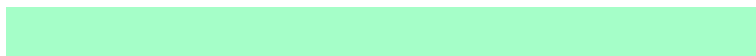
53.0956, 0.2119, 0.2855

Complementary

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



53.0956, 0.3461, 0.2738



83.0670, 0.2897, 0.3920

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.



53.0956, 0.2322, 0.3388



53.0956, 0.3461, 0.2738



53.0956, 0.3289, 0.4295

Square

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



53.0956, 0.3461, 0.2738



53.0956, 0.4182, 0.3983



53.0956, 0.2742, 0.3953



53.0956, 0.2154, 0.2512

Rectangle

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



53.0956, 0.3461, 0.2738



53.0956, 0.4199, 0.3412



53.0956, 0.2742, 0.3953



53.0956, 0.2161, 0.3016

Sweetspot

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



53.0980, 0.3461, 0.2738



82.6999, 0.3211, 0.3124



46.2268, 0.2733, 0.2300



17.2829, 0.3223, 0.3102



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.



53.0980, 0.3461, 0.2738



47.2042, 0.3553, 0.2628



51.0954, 0.3869, 0.3182



18.1721, 0.3199, 0.3147



12.3687, 0.4518, 0.2263



1.2258, 0.4328, 0.2158

Inverse Universe

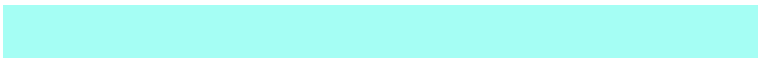
The Inverse Universe completely reimagines the original color for something new.



53.0980, 0.3461, 0.2738



47.2042, 0.3553, 0.2628



85.4040, 0.2680, 0.3404



18.1721, 0.3199, 0.3147



12.3687, 0.4518, 0.2263



1.2258, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 53.0956, 0.3461, 0.2738 looks on a white background.

Color Contrast Check

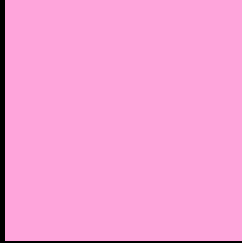
Large Text (above 18pt) WCAG AA × Fail

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 53.0956, 0.3461, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

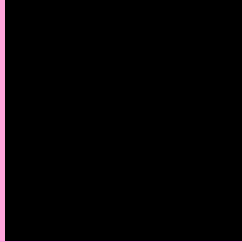
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0956, 0.3461, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 53.0956, 0.3461, 0.2738.



This preview shows how white text looks on a background with the Yxy color 53.0956, 0.3461, 0.2738.

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

53.0956, 0.3461, 0.2738

Protanopia

53.3850, 0.2754, 0.2758

Deuteranopia

53.4293, 0.3038, 0.2972



Tritanopia

52.9105, 0.3733, 0.3153

Trichromacy



Original Color

53.0956, 0.3461, 0.2738



Protanomaly

52.7244, 0.2984, 0.2745



Deuteranomaly

52.9725, 0.3188, 0.2885



Tritanomaly

52.9164, 0.3626, 0.2996

Monochromacy



Original Color

53.0956, 0.3461, 0.2738



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.4795, 0.3237, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0956, 0.3461, 0.2738 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(254, 165, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 219)  
}
```

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(254, 165, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.0956, 0.3461, 0.2738 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(254, 165, 219) }
```

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

```
.border{ border-color:rgb(254, 165, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0956, 0.3461, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 219) }
```

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

```
.background{ background-color: rgb(254,  
165, 219) }
```

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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