

Converting Colors

$Y_{xy}(53.5049, 0.3340, 0.2595)$

Have a look what the booklet for
Yxy(53.5049, 0.3340, 0.2595)
contains.

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Color

Yxy(53.5049, 0.3340, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	FEA4E9
RGB	254, 164, 233
RGB Percent	100%, 64%, 91%
CMY	0.0038, 0.3569, 0.0861
CMYK	0.00, 0.35, 0.08, 0.00
HSL	314°, 98%, 82%
HSV	314°, 35%, 100%
XYZ	68.8657, 53.5049, 83.8140
YIQ	198.7760, 31.4910, 40.5390

Conversions

Conversions Part 2

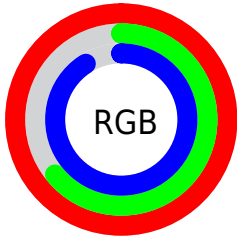
Format	Color
R_{YB}	254, 164, 233
Decimal	16688361
CIE _{Lab}	78.17, 43.17, -20.93
CIE _{LCh}	78, 47.972, 334.134
Yxy	53.5049, 0.3340, 0.2595
Android (android.graphics.Color)	4294878441 (0xFFFEA4E9)
YUV	198.7760, 16.8724, 48.4314
Hunter-Lab	73.1470, 40.0448, -16.7333

Details

The Yxy color **53.5049, 0.3340, 0.2595** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.2900, 0.2969, 0.4106**, and the grayscale version is **56.8518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.0619, 0.3389, 0.2435** is the 20% darker color. If you saturate the color by 10%, you get **44.9732, 0.3419, 0.2405**, and if you desaturate by 10%, it is **63.8683, 0.3269, 0.2794**.

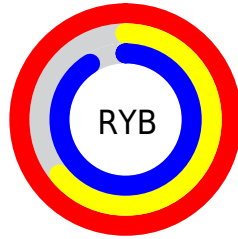
Distribution



Red (100%)

Green (64%)

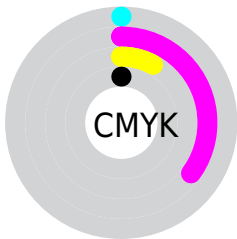
Blue (91%)



Red (100%)

Yellow (64%)

Blue (91%)

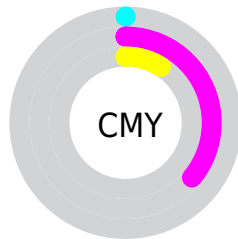


Cyan (0%)

Magenta (35%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5049, 0.3340, 0.2595 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 53.5049, 0.3340, 0.2595 by changing the saturation by 10% instead.

 53.5049, 0.3340,
0.2595

 53.5049, 0.3340,
0.2595


400.2192, 0.3246,
0.2913

 38.2060, 0.3360,
0.2523


 95.3469, 0.3308,
0.2705

 26.1426, 0.3385,
0.2436

 122.6588, 0.3295,
0.2747

 16.9303, 0.3416,
0.2326


154.7438, 0.3284,
0.2784

 10.1848, 0.3454,
0.2184

191.9863, 0.3275,
0.2817

 5.5217, 0.3502,
0.1996

234.7707, 0.3266,
0.2845

 2.5565, 0.3564,
0.1735

283.4814, 0.3259,

 0.9048, 0.3644,

0.2870

0.1355

338.5028, 0.3252,
0.2893

0.0000, 0.4041,
0.0000

0.0000, 0.0000,
0.0000

53.5049, 0.3340,
0.2595

53.5049, 0.3340,
0.2595

44.9732, 0.3419,
0.2405

63.8683, 0.3269,
0.2794

38.1573, 0.3506,
0.2234

76.1560, 0.3207,
0.2993

32.9390, 0.3598,
0.2092

90.4629, 0.3153,
0.3188

29.1825, 0.3693,
0.1989

99.8147, 0.3121,
0.3290

■ 26.7289, 0.3788,
0.1933

■ 25.3821, 0.3879,
0.1925

■ 25.0062, 0.3919,
0.1933

Harmonies

Analogous

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



53.5049, 0.2711, 0.2352



53.5049, 0.3340, 0.2595



53.5049, 0.3965, 0.2986

Triad

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



53.5049, 0.3340, 0.2595



53.5049, 0.4013, 0.4332



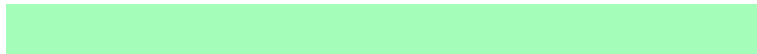
53.5049, 0.2039, 0.2921

Complementary

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



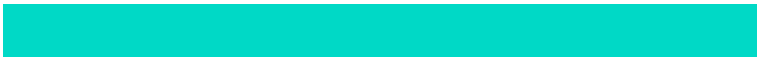
53.5049, 0.3340, 0.2595



82.2900, 0.2969, 0.4106

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.



53.5049, 0.2320, 0.3556



53.5049, 0.3340, 0.2595



53.5049, 0.3449, 0.4458

Square

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



53.5049, 0.3340, 0.2595



53.5049, 0.4358, 0.3943



53.5049, 0.2829, 0.4170



53.5049, 0.2017, 0.2488

Rectangle

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



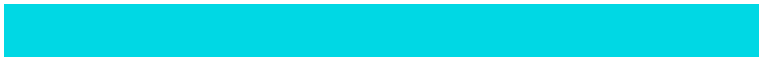
53.5049, 0.3340, 0.2595



53.5049, 0.4262, 0.3298



53.5049, 0.2829, 0.4170



53.5049, 0.2104, 0.3117

Sweetspot

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



53.5073, 0.3340, 0.2595



82.9768, 0.3182, 0.3080



43.8328, 0.2616, 0.2257



17.3491, 0.3189, 0.3054



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.



53.5073, 0.3340, 0.2595



47.2997, 0.3399, 0.2450



51.3180, 0.3736, 0.3024



18.2237, 0.3174, 0.3110



13.2050, 0.3905, 0.1925



1.3024, 0.3809, 0.1872

Inverse Universe

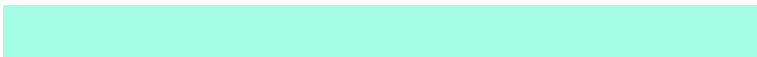
The Inverse Universe completely reimagines the original color for something new.



53.5073, 0.3340, 0.2595



47.2997, 0.3399, 0.2450



84.4182, 0.2748, 0.3579



18.2237, 0.3174, 0.3110



13.2050, 0.3905, 0.1925



1.3024, 0.3809, 0.1872

Previews

White Background



This preview shows how the Yxy color 53.5049, 0.3340, 0.2595 looks on a white background.

Color Contrast Check

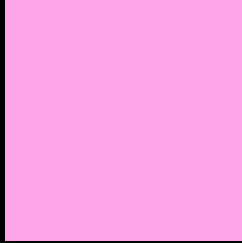
Large Text (above 18pt) WCAG AA × Fail

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 53.5049, 0.3340, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

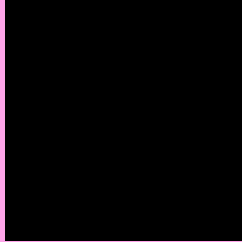
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5049, 0.3340, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 53.5049, 0.3340, 0.2595.



This preview shows how white text looks on a background with the Yxy color 53.5049, 0.3340, 0.2595.

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

53.5049, 0.3340, 0.2595

Protanopia

54.1925, 0.2626, 0.2597

Deuteranopia

53.7324, 0.2899, 0.2834



Tritanopia

53.3888, 0.3691, 0.3152

Trichromacy



Original Color

53.5049, 0.3340, 0.2595



Protanomaly

53.1703, 0.2856, 0.2589



Deuteranomaly

53.1074, 0.3048, 0.2733



Tritanomaly

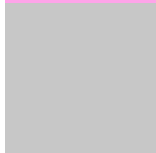
53.3852, 0.3561, 0.2944

Monochromacy



Original Color

53.5049, 0.3340, 0.2595



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.8810, 0.3206, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5049, 0.3340, 0.2595 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, 164, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 164, 233)  
}
```

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, 164, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 164, 233) }
```

Border

The CSS property to change the border of an element to Yxy 53.5049, 0.3340, 0.2595 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, 164, 233) }
```

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

```
.border{ border-color:rgb(254, 164, 233) }
```

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

Here you see how a box with a 4 pixel rgb(254, 164, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 164, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 164, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 164,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5049, 0.3340, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 164, 233) }
```

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

```
.background{ background-color: rgb(254,  
164, 233) }
```

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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