

Converting Colors

$Y_{xy}(60.2961, 0.3679, 0.2722)$

Have a look what the booklet for
Yxy(60.2961, 0.3679, 0.2722)
contains.

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Color

Yxy(53.7163, 0.3399, 0.2663)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5E3
RGB	255, 165, 227
RGB Percent	100%, 65%, 89%
CMY	0.0000, 0.3529, 0.1098
CMYK	0.00, 0.35, 0.11, 0.00
HSL	319°, 100%, 82%
HSV	319°, 35%, 100%
XYZ	68.5624, 53.7163, 79.4348
YIQ	198.9780, 33.7380, 38.3620

Conversions

Conversions Part 2

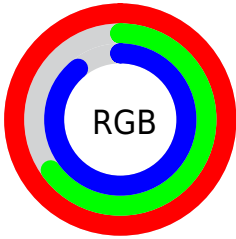
Format	Color
R_{YB}	255, 165, 227
Decimal	16754147
CIE _{Lab}	78.30, 41.97, -17.47
CIE _{LCh}	78, 45.461, 337.407
Yxy	53.7163, 0.3399, 0.2663
Android (android.graphics.Color)	4294944227 (0xFFFFA5E3)
YUV	198.9780, 13.8148, 49.1313
Hunter-Lab	73.2914, 38.7227, -12.9558

Details

The Yxy color **53.7163, 0.3399, 0.2663** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.3695, 0.2934, 0.4016**, and the grayscale version is **56.9984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **26.2178, 0.3458, 0.2507** is the 20% darker color. If you saturate the color by 10%, you get **44.9898, 0.3504, 0.2489**, and if you desaturate by 10%, it is **64.2997, 0.3306, 0.2844**.

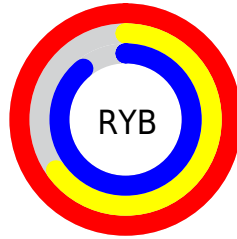
Distribution



Red (100%)

Green (65%)

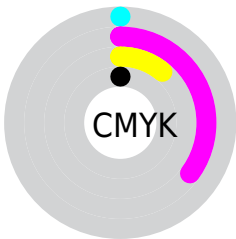
Blue (89%)



Red (100%)

Yellow (65%)

Blue (89%)

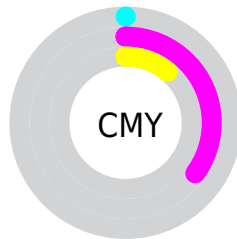


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7163, 0.3399, 0.2663 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 53.7163, 0.3399, 0.2663 by changing the saturation by 10% instead.


 53.7163, 0.3399,
0.2663

 53.7163, 0.3399,
0.2663


401.0273, 0.3274,
0.2952

 38.3749, 0.3427,
0.2598


 95.6576, 0.3356,
0.2763

 26.2738, 0.3462,
0.2517

 123.0262, 0.3339,
0.2802

 17.0286, 0.3505,
0.2416


155.1727, 0.3325,
0.2835

 10.2549, 0.3561,
0.2284

192.4815, 0.3312,
0.2865

 5.5683, 0.3636,
0.2108

235.3370, 0.3301,
0.2890

 2.5844, 0.3740,
0.1859

284.1235, 0.3291,

 0.9188, 0.3893,

0.2913

0.1490

339.2254, 0.3282,
0.2934

0.0000, 0.4540,
0.0000

0.0000, 0.0000,
0.0000

53.7163, 0.3399,
0.2663

53.7163, 0.3399,
0.2663

44.9898, 0.3504,
0.2489

64.2997, 0.3306,
0.2844

38.0058, 0.3622,
0.2332

76.8363, 0.3227,
0.3025

32.6445, 0.3749,
0.2202

91.4211, 0.3159,
0.3201

28.7685, 0.3883,
0.2112

100.0000, 0.3127,
0.3290

■ 26.2178, 0.4018,
0.2069

■ 24.7950, 0.4150,
0.2077

■ 24.3825, 0.4211,
0.2094

Harmonies

Analogous

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



53.7163, 0.2793, 0.2412



53.7163, 0.3399, 0.2663



53.7163, 0.3975, 0.3050

Triad

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



53.7163, 0.3399, 0.2663



53.7163, 0.3921, 0.4309



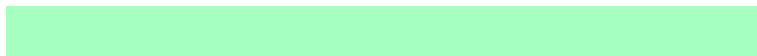
53.7163, 0.2077, 0.2888

Complementary

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



53.7163, 0.3399, 0.2663



83.3695, 0.2934, 0.4016

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.



53.7163, 0.2320, 0.3474



53.7163, 0.3399, 0.2663



53.7163, 0.3372, 0.4382

Square

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



53.7163, 0.3399, 0.2663



53.7163, 0.4274, 0.3964



53.7163, 0.2786, 0.4066



53.7163, 0.2082, 0.2499

Rectangle

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



53.7163, 0.3399, 0.2663



53.7163, 0.4233, 0.3353



53.7163, 0.2786, 0.4066



53.7163, 0.2130, 0.3067

Sweetspot

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



53.7178, 0.3399, 0.2663



82.8416, 0.3196, 0.3101



45.3379, 0.2674, 0.2277



17.3167, 0.3205, 0.3077



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.



53.7178, 0.3399, 0.2663



47.6659, 0.3468, 0.2545



51.5901, 0.3804, 0.3103



18.1985, 0.3186, 0.3128



12.7685, 0.4190, 0.2082



1.2629, 0.4050, 0.2005

Inverse Universe

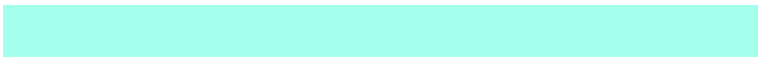
The Inverse Universe completely reimagines the original color for something new.



53.7178, 0.3399, 0.2663



47.6659, 0.3468, 0.2545



85.6341, 0.2713, 0.3490



18.1985, 0.3186, 0.3128



12.7685, 0.4190, 0.2082



1.2629, 0.4050, 0.2005

Previews

White Background



This preview shows how the Yxy color 53.7163, 0.3399, 0.2663 looks on a white background.

Color Contrast Check

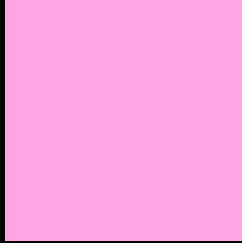
Large Text (above 18pt) WCAG AA × Fail

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 53.7163, 0.3399, 0.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

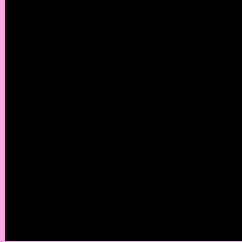
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7163, 0.3399, 0.2663

Background



This preview shows how black text looks on a background with the Yxy color 53.7163, 0.3399, 0.2663.

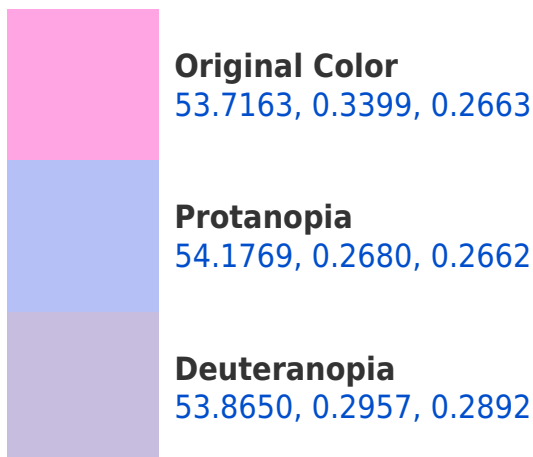


This preview shows how white text looks on a background with the Yxy color 53.7163, 0.3399, 0.2663.

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





Tritanopia

53.7563, 0.3709, 0.3153

Trichromacy



Original Color

53.7163, 0.3399, 0.2663



Protanomaly

53.0978, 0.2912, 0.2652



Deuteranomaly

53.0844, 0.3109, 0.2798



Tritanomaly

53.6619, 0.3596, 0.2966

Monochromacy



Original Color

53.7163, 0.3399, 0.2663



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.2042, 0.3221, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7163, 0.3399, 0.2663 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, 165, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 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, 165, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 227) }
```

Border

The CSS property to change the border of an element to Yxy 53.7163, 0.3399, 0.2663 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, 165, 227) }
```

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

```
.border{ border-color:rgb(255, 165, 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, 165, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7163, 0.3399, 0.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 227) }
```

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

```
.background{ background-color: rgb(255,  
165, 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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