

Converting Colors

$Y_{xy}(53.7770, 0.3724, 0.3067)$

Have a look what the booklet for
Yxy(53.7770, 0.3724, 0.3067)
contains.

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Color

Yxy(53.7710, 0.3715, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	FFAABF
RGB	255, 170, 191
RGB Percent	100%, 67%, 75%
CMY	0.0000, 0.3334, 0.2510
CMYK	0.00, 0.33, 0.25, 0.00
HSL	345°, 100%, 83%
HSV	345°, 33%, 100%
XYZ	65.0258, 53.7710, 56.2390
YIQ	197.8090, 43.9190, 24.5510

Conversions

Conversions Part 2

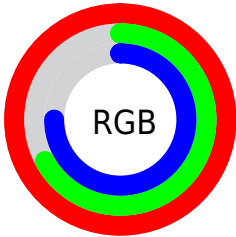
Format	Color
R _Y B	255, 170, 191
Decimal	16755391
CIE Lab	78.33, 33.99, 2.17
CIE LCh	78, 34.057, 3.647
Yxy	53.7710, 0.3715, 0.3072
Android (android.graphics.Color)	4294945471 (0xFFFFAABF)
YUV	197.8090, -3.3568, 50.1565
Hunter-Lab	73.3287, 29.9634, 5.8580

Details

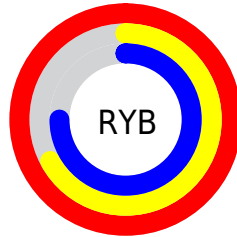
The Yxy color **53.7710, 0.3715, 0.3072** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.0056, 0.2753, 0.3523**, and the grayscale version is **56.3468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3681, 0.3192, 0.3085**, and **26.4279, 0.3871, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **44.3269, 0.3983, 0.3007**, and if you desaturate by 10%, it is **65.1744, 0.3494, 0.3140**.

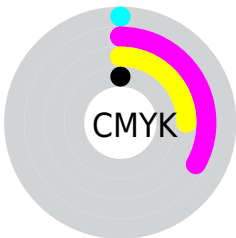
Distribution



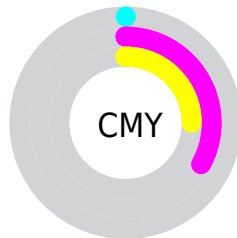
- Red (100%)
- Green (67%)
- Blue (75%)



- Red (100%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7710, 0.3715, 0.3072 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 53.7710, 0.3715, 0.3072 by changing the saturation by 10% instead.

 53.7710, 0.3715,
0.3072

 53.7710, 0.3715,
0.3072

401.2362, 0.3427,
0.3180

 38.4186, 0.3785,
0.3045

 95.7379, 0.3612,
0.3111

 26.3077, 0.3873,
0.3011


123.1213, 0.3573,
0.3126

 17.0540, 0.3989,
0.2967


155.2837, 0.3540,
0.3138

 10.2730, 0.4146,
0.2905

192.6096, 0.3511,
0.3149

 5.5803, 0.4373,
0.2815

235.4834, 0.3486,
0.3158

 2.5916, 0.4724,
0.2673

284.2895, 0.3464,

 0.9225, 0.5342,

0.3167

0.2421

339.4123, 0.3445,
0.3174

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7710, 0.3715,
0.3072

53.7710, 0.3715,
0.3072

44.3269, 0.3983,
0.3007

65.1744, 0.3494,
0.3140

36.7386, 0.4301,
0.2950

78.6484, 0.3315,
0.3207

30.8800, 0.4665,
0.2912

94.2861, 0.3169,
0.3270

26.6128, 0.5058,
0.2904

100.0000, 0.3127,
0.3290

■ 23.7773, 0.5450,
0.2935

■ 22.1797, 0.5795,
0.3008

■ 21.6189, 0.5984,
0.3070

Harmonies

Analogous

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



53.7710, 0.3278, 0.2776



53.7710, 0.3715, 0.3072



53.7710, 0.3991, 0.3430

Triad

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



53.7710, 0.3715, 0.3072



53.7710, 0.3382, 0.4103



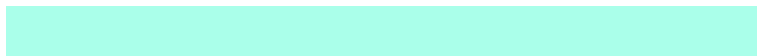
53.7710, 0.2310, 0.2723

Complementary

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



53.7710, 0.3715, 0.3072



86.0056, 0.2753, 0.3523

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.



53.7710, 0.2334, 0.3050



53.7710, 0.3715, 0.3072



53.7710, 0.2933, 0.3899

Square

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



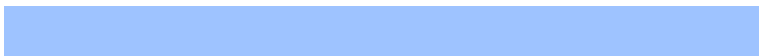
53.7710, 0.3715, 0.3072



53.7710, 0.3780, 0.4042



53.7710, 0.2554, 0.3491



53.7710, 0.2483, 0.2571

Rectangle

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



53.7710, 0.3715, 0.3072



53.7710, 0.4034, 0.3670



53.7710, 0.2554, 0.3491



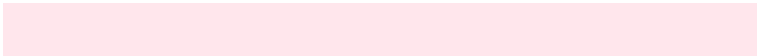
53.7710, 0.2296, 0.2814

Sweetspot

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



53.7682, 0.3715, 0.3072



83.6203, 0.3263, 0.3228



53.4166, 0.2997, 0.2416



17.4435, 0.3284, 0.3219



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.



53.7682, 0.3715, 0.3072



47.2649, 0.3888, 0.3028



61.5304, 0.3837, 0.3515



18.0607, 0.3255, 0.3231



11.3161, 0.5945, 0.3048



1.1183, 0.5631, 0.2875

Inverse Universe

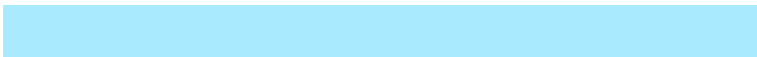
The Inverse Universe completely reimagines the original color for something new.



53.7682, 0.3715, 0.3072



47.2649, 0.3888, 0.3028



74.4676, 0.2621, 0.3051



18.0607, 0.3255, 0.3231



11.3161, 0.5945, 0.3048



1.1183, 0.5631, 0.2875

Previews

White Background



This preview shows how the Yxy color 53.7710, 0.3715, 0.3072 looks on a white background.

Color Contrast Check

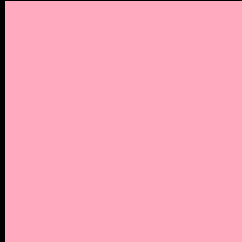
Large Text (above 18pt) WCAG AA × Fail

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 53.7710, 0.3715, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

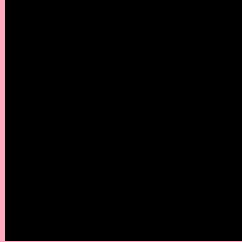
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7710, 0.3715, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 53.7710, 0.3715, 0.3072.



This preview shows how white text looks on a background with the Yxy color 53.7710, 0.3715, 0.3072.

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

53.7710, 0.3715, 0.3072

Protanopia

54.1017, 0.3062, 0.3157

Deuteranopia

54.0444, 0.3354, 0.3291



Tritanopia

53.6573, 0.3768, 0.3155

Trichromacy



Original Color

53.7710, 0.3715, 0.3072



Protanomaly

53.5732, 0.3286, 0.3128



Deuteranomaly

53.5449, 0.3487, 0.3201



Tritanomaly

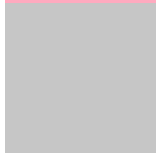
53.7845, 0.3740, 0.3124

Monochromacy



Original Color

53.7710, 0.3715, 0.3072



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.9666, 0.3331, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7710, 0.3715, 0.3072 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, 170, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 191)  
}
```

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, 170, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 191) }
```

Border

The CSS property to change the border of an element to Yxy 53.7710, 0.3715, 0.3072 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, 170, 191) }
```

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

```
.border{ border-color:rgb(255, 170, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7710, 0.3715, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 191) }
```

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

```
.background{ background-color: rgb(255,  
170, 191) }
```

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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