

Converting Colors

$Y_{xy}(47.9296, 0.3555, 0.2739)$

Have a look what the booklet for
Yxy(47.9296, 0.3555, 0.2739)
contains.

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Color

Yxy(47.9402, 0.3553, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	FA9ACF
RGB	250, 154, 207
RGB Percent	98%, 60%, 81%
CMY	0.0197, 0.3960, 0.1884
CMYK	0.00, 0.38, 0.17, 0.02
HSL	327°, 91%, 79%
HSV	327°, 38%, 98%
XYZ	62.2329, 47.9402, 64.9829
YIQ	188.7460, 40.2030, 36.8350

Conversions

Conversions Part 2

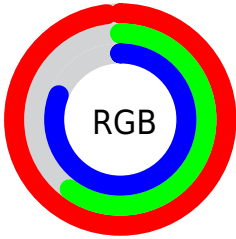
Format	Color
R _Y B	250, 154, 207
Decimal	16423631
CIE Lab	74.79, 42.85, -11.86
CIE LCh	75, 44.460, 344.532
Yxy	47.9402, 0.3553, 0.2737
Android (android.graphics.Color)	4294613711 (0xFFFA9ACF)
YUV	188.7460, 8.9992, 53.7198
Hunter-Lab	69.2389, 39.2705, -7.1784

Details

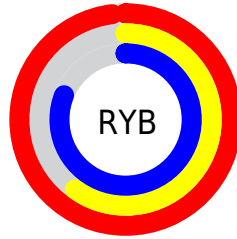
The Yxy color $47.9402, 0.3553, 0.2737$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $79.2626, 0.2852, 0.3925$, and the grayscale version is $50.6682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5732, 0.3148, 0.2851$, and $22.8137, 0.3661, 0.2598$ is the 20% darker color. If you saturate the color by 10%, you get $40.0020, 0.3715, 0.2598$, and if you desaturate by 10%, it is $57.6399, 0.3414, 0.2884$.

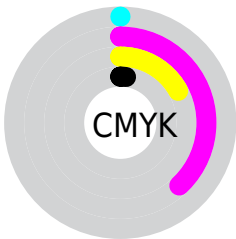
Distribution



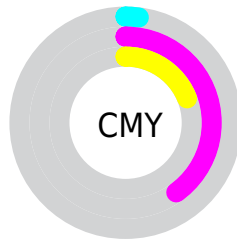
- Red (98%)
- Green (60%)
- Blue (81%)



- Red (98%)
- Yellow (60%)
- Blue (81%)



- Cyan (0%)
- Magenta (38%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9402, 0.3553, 0.2737 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 47.9402, 0.3553, 0.2737 by changing the saturation by 10% instead.

 47.9402, 0.3553,
0.2737


 47.9402, 0.3553,
0.2737


378.5550, 0.3348,
0.2999

 33.7795, 0.3602,
0.2676


 87.1154, 0.3480,
0.2829

 22.7243, 0.3664,
0.2599


 112.8986, 0.3452,
0.2865

 14.3901, 0.3744,
0.2501


143.3249, 0.3428,
0.2895

 8.3924, 0.3852,
0.2370

178.7786, 0.3408,
0.2922

 4.3471, 0.4005,
0.2190

219.6440, 0.3390,
0.2945

 1.8695, 0.4236,
0.1925

266.3057, 0.3374,

 0.5300, 0.4682,

0.2965

0.1404

319.1479, 0.3360,
0.2983

0.0000, 0.7126,
0.0000

0.0000, 0.0000,
0.0000

47.9402, 0.3553,
0.2737

47.9402, 0.3553,
0.2737

40.0020, 0.3715,
0.2598

57.6399, 0.3414,
0.2884

33.7103, 0.3899,
0.2476

69.1932, 0.3296,
0.3032

28.9470, 0.4101,
0.2384

82.6941, 0.3197,
0.3175

25.5751, 0.4315,
0.2335

98.2280, 0.3115,
0.3311

■ 23.4328, 0.4532,
0.2337

■ 99.0599, 0.3096,
0.3290

■ 22.2932, 0.4742,
0.2393

■ 22.1527, 0.4776,
0.2405

Harmonies

Analogous

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



47.9402, 0.2925, 0.2445



47.9402, 0.3553, 0.2737



47.9402, 0.4098, 0.3153

Triad

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



47.9402, 0.3553, 0.2737



47.9402, 0.3811, 0.4374



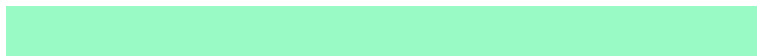
47.9402, 0.2040, 0.2766

Complementary

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



47.9402, 0.3553, 0.2737



79.2626, 0.2852, 0.3925

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.



47.9402, 0.2227, 0.3324



47.9402, 0.3553, 0.2737



47.9402, 0.3231, 0.4361

Square

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



47.9402, 0.3553, 0.2737



47.9402, 0.4232, 0.4071



47.9402, 0.2652, 0.3951



47.9402, 0.2105, 0.2429

Rectangle

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



47.9402, 0.3553, 0.2737



47.9402, 0.4307, 0.3465



47.9402, 0.2652, 0.3951



47.9402, 0.2075, 0.2931

Sweetspot

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



47.9424, 0.3553, 0.2737



81.1544, 0.3231, 0.3124



41.7027, 0.2724, 0.2207



16.9709, 0.3244, 0.3106



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.



47.9424, 0.3553, 0.2737



43.6352, 0.3675, 0.2629



45.9919, 0.4021, 0.3224



17.3855, 0.3207, 0.3160



11.7823, 0.4743, 0.2387



1.1126, 0.4509, 0.2258

Inverse Universe

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



47.9424, 0.3553, 0.2737



43.6352, 0.3675, 0.2629



81.7359, 0.2623, 0.3361



17.3855, 0.3207, 0.3160



11.7823, 0.4743, 0.2387



1.1126, 0.4509, 0.2258

Previews

White Background



This preview shows how the Yxy color 47.9402, 0.3553, 0.2737 looks on a white background.

Color Contrast Check

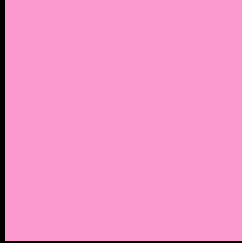
Large Text (above 18pt) WCAG AA × Fail

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 47.9402, 0.3553, 0.2737 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 47.9402, 0.3553, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 47.9402, 0.3553, 0.2737.



This preview shows how white text looks on a background with the Yxy color 47.9402, 0.3553, 0.2737.

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

47.9402, 0.3553, 0.2737

Protanopia

48.4719, 0.2753, 0.2761

Deuteranopia

47.9738, 0.3073, 0.3007



Tritanopia

47.7516, 0.3835, 0.3151

Trichromacy



Original Color

47.9402, 0.3553, 0.2737



Protanomaly

47.1761, 0.3009, 0.2735



Deuteranomaly

47.4052, 0.3234, 0.2892



Tritanomaly

47.7307, 0.3731, 0.3001

Monochromacy



Original Color

47.9402, 0.3553, 0.2737



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

48.8851, 0.3269, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9402, 0.3553, 0.2737 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(250, 154, 207)` looks like.

```
.text, #text, p{  
    color:rgb(250, 154, 207)  
}
```

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(250, 154, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 154, 207) }
```

Border

The CSS property to change the border of an element to Yxy 47.9402, 0.3553, 0.2737 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(250, 154, 207) }
```

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

```
.border{ border-color:rgb(250, 154, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 154, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 154, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 154, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 154,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9402, 0.3553, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 154, 207) }
```

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

```
.background{ background-color: rgb(250,  
154, 207) }
```

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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