

Converting Colors

Yxy(47.4598, 0.3649, 0.2854)

Have a look what the booklet for
Yxy(47.4598, 0.3649, 0.2854)
contains.

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Color

Yxy(47.5679, 0.3648, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	F99BC4
RGB	249, 155, 196
RGB Percent	98%, 61%, 77%
CMY	0.0237, 0.3920, 0.2315
CMYK	0.00, 0.38, 0.21, 0.02
HSL	334°, 89%, 79%
HSV	334°, 38%, 98%
XYZ	60.7377, 47.5679, 58.1903
YIQ	187.7800, 42.8630, 32.6790

Conversions

Conversions Part 2

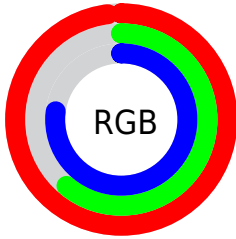
Format	Color
R _Y B	249, 155, 196
Decimal	16358340
CIE Lab	74.55, 40.36, -6.18
CIE LCh	75, 40.831, 351.295
Yxy	47.5679, 0.3648, 0.2857
Android (android.graphics.Color)	4294548420 (0xFFFF99BC4)
YUV	187.7800, 4.0525, 53.6899
Hunter-Lab	68.9695, 36.4988, -1.7450

Details

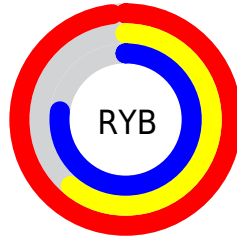
The Yxy color $47.5679, 0.3648, 0.2857$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $79.2501, 0.2800, 0.3776$, and the grayscale version is $50.1182, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.9404, 0.3161, 0.2879$, and $22.5321, 0.3797, 0.2749$ is the 20% darker color. If you saturate the color by 10%, you get $39.5084, 0.3856, 0.2745$, and if you desaturate by 10%, it is $57.3999, 0.3472, 0.2975$.

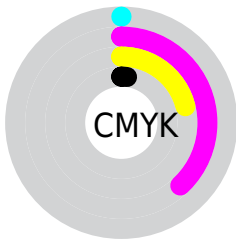
Distribution



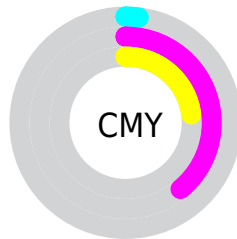
- Red (98%)
- Green (61%)
- Blue (77%)



- Red (98%)
- Yellow (61%)
- Blue (77%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (2%)




- Cyan (2%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5679, 0.3648, 0.2857 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 47.5679, 0.3648, 0.2857 by changing the saturation by 10% instead.


 47.5679, 0.3648,
0.2857

 47.5679, 0.3648,
0.2857


377.0768, 0.3392,
0.3066

 33.4848, 0.3711,
0.2807


 86.5607, 0.3556,
0.2932

 22.4981, 0.3790,
0.2744


 112.2392, 0.3521,
0.2960

 14.2234, 0.3894,
0.2662


142.5517, 0.3492,
0.2984

 8.2762, 0.4037,
0.2551

177.8825, 0.3466,
0.3005

 4.2722, 0.4244,
0.2394

218.6160, 0.3444,
0.3023

 1.8269, 0.4570,
0.2156

265.1366, 0.3424,

 0.5039, 0.5234,

0.3039

0.1618

317.8288, 0.3407,
0.3054

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.5679, 0.3648,
0.2857

■ 47.5679, 0.3648,
0.2857

■ 39.5084, 0.3856,
0.2745

■ 57.3999, 0.3472,
0.2975

■ 33.1074, 0.4096,
0.2649

■ 69.0960, 0.3326,
0.3093

■ 28.2479, 0.4364,
0.2581

■ 82.7493, 0.3206,
0.3207

■ 24.7947, 0.4651,
0.2554

■ 98.4448, 0.3106,
0.3314

■ 22.5887, 0.4940,
0.2578

■ 98.8714, 0.3090,
0.3290

■ 21.4179, 0.5213,
0.2657

■ 21.2254, 0.5273,
0.2679

Harmonies

Analogous

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



47.5679, 0.3070, 0.2552



47.5679, 0.3648, 0.2857



47.5679, 0.4101, 0.3264

Triad

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



47.5679, 0.3648, 0.2857



47.5679, 0.3652, 0.4315



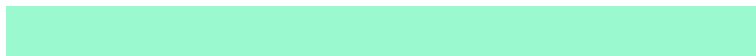
47.5679, 0.2110, 0.2720

Complementary

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



47.5679, 0.3648, 0.2857



79.2501, 0.2800, 0.3776

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.



47.5679, 0.2234, 0.3197



47.5679, 0.3648, 0.2857



47.5679, 0.3102, 0.4213

Square

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



47.5679, 0.3648, 0.2857



47.5679, 0.4083, 0.4098



47.5679, 0.2585, 0.3774



47.5679, 0.2223, 0.2453

Rectangle

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



47.5679, 0.3648, 0.2857



47.5679, 0.4245, 0.3559



47.5679, 0.2585, 0.3774



47.5679, 0.2125, 0.2858

Sweetspot

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



47.5702, 0.3648, 0.2857



82.4133, 0.3243, 0.3170



43.5119, 0.2821, 0.2253



17.2146, 0.3259, 0.3155



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.



47.5702, 0.3648, 0.2857



43.8189, 0.3797, 0.2774



47.5475, 0.4043, 0.3343



17.3509, 0.3225, 0.3187



11.3936, 0.5233, 0.2657



1.0761, 0.4933, 0.2491

Inverse Universe

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



47.5702, 0.3648, 0.2857



43.8189, 0.3797, 0.2774



78.6660, 0.2593, 0.3235



17.3509, 0.3225, 0.3187



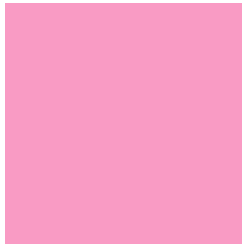
11.3936, 0.5233, 0.2657



1.0761, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 47.5679, 0.3648, 0.2857 looks on a white background.

Color Contrast Check

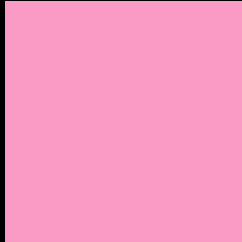
Large Text (above 18pt) WCAG AA × Fail

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 47.5679, 0.3648, 0.2857 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 47.5679, 0.3648, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 47.5679, 0.3648, 0.2857.



This preview shows how white text looks on a background with the Yxy color 47.5679, 0.3648, 0.2857.

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

47.5679, 0.3648, 0.2857

Protanopia

47.7250, 0.2863, 0.2901

Deuteranopia

47.6523, 0.3187, 0.3117



Tritanopia

47.3294, 0.3858, 0.3162

Trichromacy



Original Color

47.5679, 0.3648, 0.2857



Protanomaly

46.8474, 0.3121, 0.2871



Deuteranomaly

47.3514, 0.3356, 0.3020



Tritanomaly

47.5232, 0.3780, 0.3054

Monochromacy



Original Color

47.5679, 0.3648, 0.2857



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.5139, 0.3303, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5679, 0.3648, 0.2857 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(249, 155, 196)` looks like.

```
.text, #text, p{  
    color:rgb(249, 155, 196)  
}
```

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(249, 155, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 155, 196) }
```

Border

The CSS property to change the border of an element to Yxy 47.5679, 0.3648, 0.2857 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(249, 155, 196) }
```

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

```
.border{ border-color:rgb(249, 155, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 155, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 155, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 155, 196);  
box-shadow:4px 4px 4px 4px rgb(249, 155,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5679, 0.3648, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 155, 196) }
```

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

```
.background{ background-color: rgb(249,  
155, 196) }
```

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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