

Converting Colors

$Y_{xy}(44.4575, 0.3530, 0.2692)$

Have a look what the booklet for
Yxy(44.4575, 0.3530, 0.2692)
contains.

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Color

Yxy(44.5941, 0.3528, 0.2691)

Conversions

Conversions Part 1

Format	Color
Hex	F394CC
RGB	243, 148, 204
RGB Percent	95%, 58%, 80%
CMY	0.0469, 0.4197, 0.2000
CMYK	0.00, 0.39, 0.16, 0.05
HSL	325°, 80%, 77%
HSV	325°, 39%, 95%
XYZ	58.4645, 44.5941, 62.6571
YIQ	182.7890, 38.6440, 37.5560

Conversions

Conversions Part 2

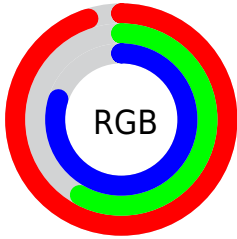
Format	Color
R _Y B	243, 148, 204
Decimal	15963340
CIE Lab	72.62, 43.23, -13.55
CIE LCh	73, 45.303, 342.591
Yxy	44.5941, 0.3528, 0.2691
Android (android.graphics.Color)	4294153420 (0xFFFF394CC)
YUV	182.7890, 10.4570, 52.8050
Hunter-Lab	66.7788, 39.4129, -8.8854

Details

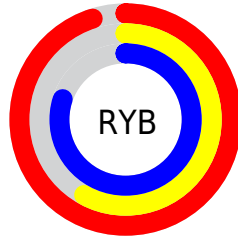
The Yxy color **44.5941, 0.3528, 0.2691** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.0138, 0.2866, 0.3984**, and the grayscale version is **47.1586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6657, 0.3151, 0.2792**, and **20.7007, 0.3628, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **37.2931, 0.3676, 0.2544**, and if you desaturate by 10%, it is **53.5306, 0.3400, 0.2847**.

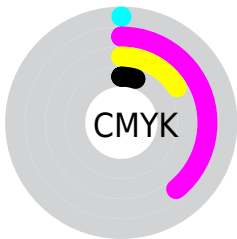
Distribution



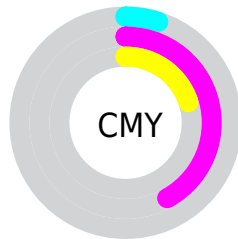
- Red (95%)
- Green (58%)
- Blue (80%)



- Red (95%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5941, 0.3528, 0.2691 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 44.5941, 0.3528, 0.2691 by changing the saturation by 10% instead.


 44.5941, 0.3528,
0.2691

 44.5941, 0.3528,
0.2691

365.1272, 0.3334,
0.2977

 31.1378, 0.3575,
0.2623


 82.1110, 0.3459,
0.2792

 20.7038, 0.3633,
0.2539


 106.9404, 0.3432,
0.2831

 12.9077, 0.3710,
0.2430


136.3296, 0.3410,
0.2864

 7.3650, 0.3813,
0.2286

170.6631, 0.3391,
0.2893

 3.6914, 0.3959,
0.2084

210.3252, 0.3374,
0.2918

 1.5025, 0.4183,
0.1787

255.7003, 0.3359,

 0.2905, 0.4745,

0.2940

0.0962

307.1728, 0.3346,
0.2960

0.0000, 0.8267,
0.0000

0.0000, 0.0000,
0.0000

44.5941, 0.3528,
0.2691

44.5941, 0.3528,
0.2691

37.2931, 0.3676,
0.2544

53.5306, 0.3400,
0.2847

31.5196, 0.3843,
0.2416

64.1890, 0.3290,
0.3004

27.1627, 0.4025,
0.2319

76.6572, 0.3198,
0.3157

24.0935, 0.4216,
0.2264

91.0152, 0.3121,
0.3303

■ 22.1591, 0.4409,
0.2262

■ 97.7339, 0.3060,
0.3300

■ 21.1276, 0.4597,
0.2310

■ 97.8037, 0.3054,
0.3290

■ 21.0541, 0.4613,
0.2315

Harmonies

Analogous

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



44.5941, 0.2875, 0.2400



44.5941, 0.3528, 0.2691



44.5941, 0.4111, 0.3114

Triad

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



44.5941, 0.3528, 0.2691



44.5941, 0.3872, 0.4406



44.5941, 0.2003, 0.2772

Complementary

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



44.5941, 0.3528, 0.2691



74.0138, 0.2866, 0.3984

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.



44.5941, 0.2212, 0.3366



44.5941, 0.3528, 0.2691



44.5941, 0.3273, 0.4426

Square

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



44.5941, 0.3528, 0.2691



44.5941, 0.4295, 0.4070



44.5941, 0.2666, 0.4021



44.5941, 0.2054, 0.2409

Rectangle

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



44.5941, 0.3528, 0.2691



44.5941, 0.4345, 0.3435



44.5941, 0.2666, 0.4021



44.5941, 0.2044, 0.2949

Sweetspot

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



44.5962, 0.3528, 0.2691



81.2235, 0.3223, 0.3113



38.0865, 0.2690, 0.2179



16.9872, 0.3235, 0.3093



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.



44.5962, 0.3528, 0.2691



43.0755, 0.3645, 0.2572



42.6871, 0.4010, 0.3188



16.6464, 0.3201, 0.3151



11.5773, 0.4585, 0.2299



1.0379, 0.4365, 0.2178

Inverse Universe

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



44.5962, 0.3528, 0.2691



43.0755, 0.3645, 0.2572



76.3394, 0.2631, 0.3400



16.6464, 0.3201, 0.3151



11.5773, 0.4585, 0.2299



1.0379, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 44.5941, 0.3528, 0.2691 looks on a white background.

Color Contrast Check

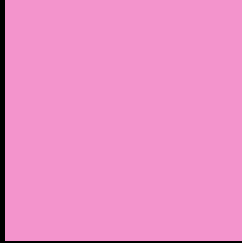
Large Text (above 18pt) WCAG AA × Fail

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 44.5941, 0.3528, 0.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

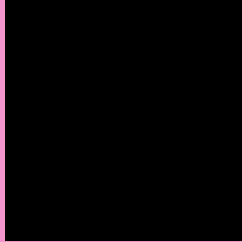
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5941, 0.3528, 0.2691

Background



This preview shows how black text looks on a background with the Yxy color 44.5941, 0.3528, 0.2691.



This preview shows how white text looks on a background with the Yxy color 44.5941, 0.3528, 0.2691.

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

44.5941, 0.3528, 0.2691

Protanopia

44.9875, 0.2708, 0.2709

Deuteranopia

44.8347, 0.3030, 0.2973



Tritanopia

44.5834, 0.3846, 0.3158

Trichromacy



Original Color

44.5941, 0.3528, 0.2691



Protanomaly

43.8324, 0.2973, 0.2685



Deuteranomaly

44.3927, 0.3202, 0.2858



Tritanomaly

44.2770, 0.3731, 0.2982

Monochromacy



Original Color

44.5941, 0.3528, 0.2691



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.4902, 0.3265, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5941, 0.3528, 0.2691 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(243, 148, 204)` looks like.

```
.text, #text, p{  
    color:rgb(243, 148, 204)  
}
```

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(243, 148, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 148, 204) }
```

Border

The CSS property to change the border of an element to Yxy 44.5941, 0.3528, 0.2691 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(243, 148, 204) }
```

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

```
.border{ border-color:rgb(243, 148, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 148, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 148, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 148, 204);  
box-shadow:4px 4px 4px 4px rgb(243, 148,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5941, 0.3528, 0.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 148, 204) }
```

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

```
.background{ background-color: rgb(243,  
148, 204) }
```

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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