

Converting Colors

$Yxy(45.4416, 0.3918, 0.3154)$

Have a look what the booklet for
Yxy(45.4416, 0.3918, 0.3154)
contains.

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Color

Yxy(45.4941, 0.3916, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	F69AA7
RGB	246, 154, 167
RGB Percent	96%, 60%, 65%
CMY	0.0352, 0.3961, 0.3452
CMYK	0.00, 0.37, 0.32, 0.04
HSL	352°, 84%, 78%
HSV	352°, 37%, 96%
XYZ	56.5392, 45.4941, 42.3466
YIQ	182.9900, 50.6590, 23.5470

Conversions

Conversions Part 2

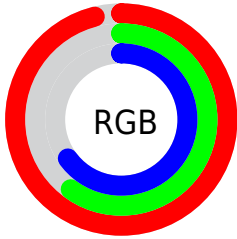
Format	Color
RYB	246, 154, 167
Decimal	16161447
CIELab	73.22, 35.96, 7.83
CIELCh	73, 36.799, 12.290
Yxy	45.4941, 0.3916, 0.3151
Android (android.graphics.Color)	4294351527 (0xFFFF69AA7)
YUV	182.9900, -7.8831, 55.2598
Hunter-Lab	67.4493, 31.5907, 9.9906

Details

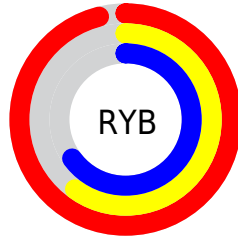
The Yxy color **45.4941, 0.3916, 0.3151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.6781, 0.2666, 0.3439**, and the grayscale version is **47.3718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1349, 0.3382, 0.3159**, and **21.1100, 0.4144, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **37.4720, 0.4249, 0.3117**, and if you desaturate by 10%, it is **55.3123, 0.3641, 0.3189**.

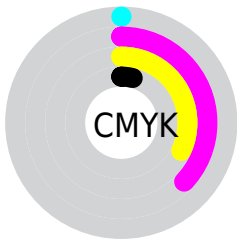
Distribution



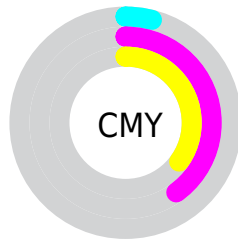
- Red (96%)
- Green (60%)
- Blue (65%)



- Red (96%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4941, 0.3916, 0.3151 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 45.4941, 0.3916, 0.3151 by changing the saturation by 10% instead.

 45.4941, 0.3916,
0.3151


 45.4941, 0.3916,
0.3151


368.7710, 0.3517,
0.3228

 31.8468, 0.4016,
0.3129


 83.4614, 0.3770,
0.3181

 21.2445, 0.4146,
0.3100


 108.5501, 0.3716,
0.3192

 13.3028, 0.4318,
0.3060


138.2215, 0.3670,
0.3200

 7.6374, 0.4559,
0.2999

172.8598, 0.3630,
0.3208

 3.8638, 0.4917,
0.2900

212.8495, 0.3596,
0.3214

 1.5977, 0.5494,
0.2721

258.5750, 0.3567,

 0.3560, 0.7816,

0.3219

0.2184

310.4207, 0.3540,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.4941, 0.3916,
0.3151

45.4941, 0.3916,
0.3151

37.4720, 0.4249,
0.3117

55.3123, 0.3641,
0.3189

31.1310, 0.4640,
0.3091

67.0195, 0.3417,
0.3228

26.3527, 0.5072,
0.3082

80.7101, 0.3237,
0.3264

23.0010, 0.5511,
0.3096

96.4700, 0.3093,
0.3299

■ 20.9158, 0.5901,
0.3136

■ 98.3360, 0.3072,
0.3290

■ 19.8891, 0.6185,
0.3198

■ 19.7155, 0.6242,
0.3212

Harmonies

Analogous

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



45.4941, 0.3450, 0.2794



45.4941, 0.3916, 0.3151



45.4941, 0.4153, 0.3559

Triad

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



45.4941, 0.3916, 0.3151



45.4941, 0.3263, 0.4192



45.4941, 0.2239, 0.2574

Complementary

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



45.4941, 0.3916, 0.3151



78.6781, 0.2666, 0.3439

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.



45.4941, 0.2200, 0.2885



45.4941, 0.3916, 0.3151



45.4941, 0.2764, 0.3874

Square

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



45.4941, 0.3916, 0.3151



45.4941, 0.3749, 0.4196



45.4941, 0.2382, 0.3365



45.4941, 0.2490, 0.2466

Rectangle

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



45.4941, 0.3916, 0.3151



45.4941, 0.4140, 0.3822



45.4941, 0.2382, 0.3365



45.4941, 0.2201, 0.2655

Sweetspot

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



45.4963, 0.3916, 0.3151



81.9349, 0.3298, 0.3251



46.9580, 0.3054, 0.2330



17.1012, 0.3322, 0.3246



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.



45.4963, 0.3916, 0.3151



42.5041, 0.4167, 0.3124



57.1340, 0.3915, 0.3640



16.5206, 0.3271, 0.3257



10.5336, 0.6213, 0.3196



0.9373, 0.5921, 0.3036

Inverse Universe

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



45.4963, 0.3916, 0.3151



42.5041, 0.4167, 0.3124



61.5228, 0.2549, 0.2906



16.5206, 0.3271, 0.3257



10.5336, 0.6213, 0.3196



0.9373, 0.5921, 0.3036

Previews

White Background



This preview shows how the Yxy color 45.4941, 0.3916, 0.3151 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 45.4941, 0.3916, 0.3151 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 45.4941, 0.3916, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 45.4941, 0.3916, 0.3151.



This preview shows how white text looks on a background with the Yxy color 45.4941, 0.3916, 0.3151.

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

45.4941, 0.3916, 0.3151

Protanopia

45.6437, 0.3146, 0.3264

Deuteranopia

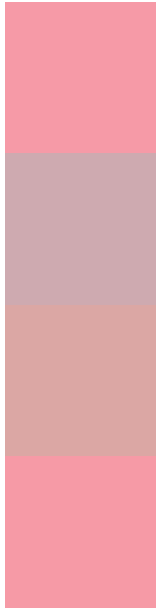
45.7538, 0.3496, 0.3429



Tritanopia

45.4572, 0.3926, 0.3162

Trichromacy



Original Color

45.4941, 0.3916, 0.3151

Protanomaly

45.0059, 0.3407, 0.3217

Deuteranomaly

45.3778, 0.3647, 0.3328

Tritanomaly

45.4572, 0.3926, 0.3162

Monochromacy



Original Color

45.4941, 0.3916, 0.3151

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.8012, 0.3394, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4941, 0.3916, 0.3151 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(246, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(246, 154, 167)  
}
```

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(246, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 154, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.4941, 0.3916, 0.3151 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(246, 154, 167) }
```

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

```
.border{ border-color:rgb(246, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(246, 154,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4941, 0.3916, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 154, 167) }
```

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

```
.background{ background-color: rgb(246,  
154, 167) }
```

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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