

Converting Colors

$Y_{xy}(50.1631, 0.3549, 0.2946)$

Have a look what the booklet for
Yxy(50.1631, 0.3549, 0.2946)
contains.

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Color

Yxy(50.2269, 0.3543, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	F2A6C6
RGB	242, 166, 198
RGB Percent	95%, 65%, 78%
CMY	0.0510, 0.3490, 0.2235
CMYK	0.00, 0.31, 0.18, 0.05
HSL	335°, 75%, 80%
HSV	335°, 31%, 95%
XYZ	60.4463, 50.2269, 59.9345
YIQ	192.3720, 35.0240, 26.0640

Conversions

Conversions Part 2

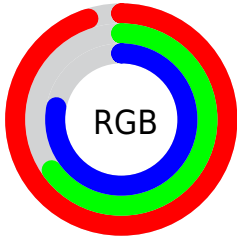
Format	Color
R_{YB}	242, 166, 198
Decimal	15902406
CIE _{Lab}	76.21, 32.53, -4.93
CIE _{LCh}	76, 32.901, 351.384
Yxy	50.2269, 0.3543, 0.2944
Android (android.graphics.Color)	4294092486 (0xFFFF2A6C6)
YUV	192.3720, 2.7746, 43.5238
Hunter-Lab	70.8709, 28.2197, -0.5310

Details

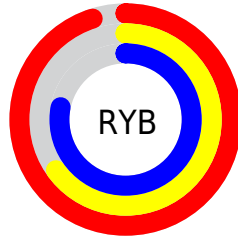
The Yxy color **50.2269, 0.3543, 0.2944** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **76.2639, 0.2843, 0.3667**, and the grayscale version is **52.9105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **24.1382, 0.3662, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **41.6259, 0.3735, 0.2831**, and if you desaturate by 10%, it is **60.5476, 0.3383, 0.3059**.

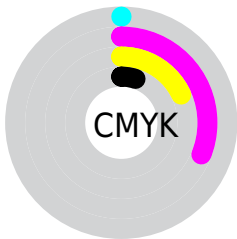
Distribution



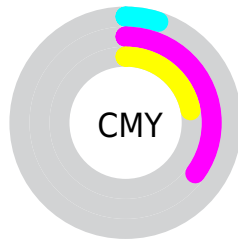
- Red (95%)
- Green (65%)
- Blue (78%)



- Red (95%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2269, 0.3543, 0.2944 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 50.2269, 0.3543, 0.2944 by changing the saturation by 10% instead.


 50.2269, 0.3543,
0.2944

 50.2269, 0.3543,
0.2944


387.5526, 0.3340,
0.3111

 35.5937, 0.3592,
0.2904


 90.5110, 0.3470,
0.3003

 24.1206, 0.3655,
0.2854


 116.9307, 0.3443,
0.3026

 15.4231, 0.3737,
0.2789


148.0480, 0.3419,
0.3045

 9.1169, 0.3849,
0.2701

184.2473, 0.3399,
0.3062

 4.8175, 0.4010,
0.2576

225.9130, 0.3381,
0.3077

 2.1406, 0.4263,
0.2385

273.4295, 0.3366,

 0.6873, 0.4732,

0.3089

0.2027

327.1813, 0.3352,
0.3101

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2269, 0.3543,
0.2944

50.2269, 0.3543,
0.2944

41.6259, 0.3735,
0.2831

60.5476, 0.3383,
0.3059

34.6430, 0.3961,
0.2728

72.6685, 0.3250,
0.3170

29.1765, 0.4220,
0.2644

86.6731, 0.3141,
0.3276

25.1104, 0.4505,
0.2592

97.5555, 0.3053,
0.3299

■ 22.3113, 0.4804,
0.2586

■ 97.6168, 0.3047,
0.3290

■ 20.6195, 0.5097,
0.2633

■ 19.8338, 0.5332,
0.2711

Harmonies

Analogous

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



50.2269, 0.3088, 0.2692



50.2269, 0.3543, 0.2944



50.2269, 0.3896, 0.3281

Triad

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



50.2269, 0.3543, 0.2944



50.2269, 0.3553, 0.4099



50.2269, 0.2304, 0.2843

Complementary

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



50.2269, 0.3543, 0.2944



76.2639, 0.2843, 0.3667

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.



50.2269, 0.2409, 0.3224



50.2269, 0.3543, 0.2944



50.2269, 0.3115, 0.4005

Square

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



50.2269, 0.3543, 0.2944



50.2269, 0.3892, 0.3946



50.2269, 0.2698, 0.3668



50.2269, 0.2397, 0.2619

Rectangle

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



50.2269, 0.3543, 0.2944



50.2269, 0.4011, 0.3522



50.2269, 0.2698, 0.3668



50.2269, 0.2317, 0.2955

Sweetspot

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



50.2292, 0.3543, 0.2944



85.3949, 0.3222, 0.3196



47.2512, 0.2894, 0.2443



17.8081, 0.3239, 0.3180



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.



50.2292, 0.3543, 0.2944



49.8665, 0.3668, 0.2868



50.7839, 0.3829, 0.3348



15.8693, 0.3227, 0.3191



10.6811, 0.5291, 0.2688



0.9080, 0.4952, 0.2502

Inverse Universe

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



50.2292, 0.3543, 0.2944



49.8665, 0.3668, 0.2868



75.0471, 0.2670, 0.3231



15.8693, 0.3227, 0.3191



10.6811, 0.5291, 0.2688



0.9080, 0.4952, 0.2502

Previews

White Background



This preview shows how the Yxy color 50.2269, 0.3543, 0.2944 looks on a white background.

Color Contrast Check

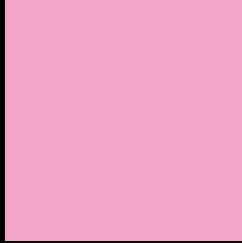
Large Text (above 18pt) WCAG AA × Fail

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 50.2269, 0.3543, 0.2944 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 50.2269, 0.3543, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 50.2269, 0.3543, 0.2944.



This preview shows how white text looks on a background with the Yxy color 50.2269, 0.3543, 0.2944.

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

50.2269, 0.3543, 0.2944

Protanopia

50.5581, 0.2933, 0.2994

Deuteranopia

50.5036, 0.3202, 0.3145



Tritanopia

50.2786, 0.3667, 0.3148

Trichromacy



Original Color

50.2269, 0.3543, 0.2944



Protanomaly

49.8182, 0.3142, 0.2970



Deuteranomaly

50.1815, 0.3321, 0.3069



Tritanomaly

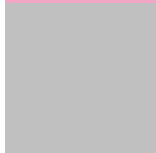
50.3369, 0.3622, 0.3072

Monochromacy



Original Color

50.2269, 0.3543, 0.2944



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.4637, 0.3269, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2269, 0.3543, 0.2944 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(242, 166, 198)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 198)  
}
```

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(242, 166, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.2269, 0.3543, 0.2944 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(242, 166, 198) }
```

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

```
.border{ border-color:rgb(242, 166, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 198);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2269, 0.3543, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 198) }
```

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

```
.background{ background-color: rgb(242,  
166, 198) }
```

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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