

Converting Colors

$Y_{xy}(42.3463, 0.3739, 0.2645)$

Have a look what the booklet for
Yxy(42.3463, 0.3739, 0.2645)
contains.

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Color

Yxy(42.3414, 0.3740, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	FF86C5
RGB	255, 134, 197
RGB Percent	100%, 53%, 77%
CMY	0.0000, 0.4745, 0.2275
CMYK	0.00, 0.47, 0.23, 0.00
HSL	329°, 100%, 76%
HSV	329°, 47%, 100%
XYZ	59.8476, 42.3414, 57.8314
YIQ	177.3610, 51.8930, 45.2450

Conversions

Conversions Part 2

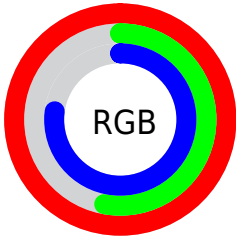
Format	Color
R_{YB}	255, 134, 197
Decimal	16746181
CIE _{Lab}	71.11, 53.10, -11.79
CIE _{LCh}	71, 54.392, 347.485
Yxy	42.3414, 0.3740, 0.2646
Android (android.graphics.Color)	4294936261 (0xFFFF86C5)
YUV	177.3610, 9.6820, 68.0894
Hunter-Lab	65.0703, 50.3004, -7.1450

Details

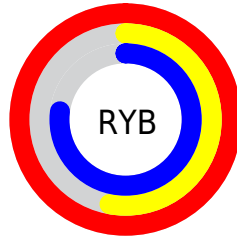
The Yxy color **42.3414, 0.3740, 0.2646** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.3941, 0.2783, 0.4061**, and the grayscale version is **44.0901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2427, 0.3164, 0.2662**, and **19.4563, 0.3913, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **35.5823, 0.3937, 0.2529**, and if you desaturate by 10%, it is **50.8405, 0.3567, 0.2779**.

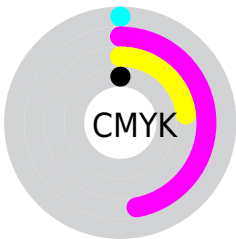
Distribution



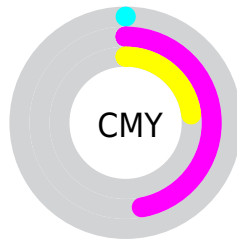
- Red (100%)
- Green (53%)
- Blue (77%)



- Red (100%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (47%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3414, 0.3740, 0.2646 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 42.3414, 0.3740, 0.2646 by changing the saturation by 10% instead.


 42.3414, 0.3740,
0.2646


 42.3414, 0.3740,
0.2646


355.8962, 0.3438,
0.2956


 29.3687, 0.3814,
0.2572


 78.7161, 0.3631,
0.2756

 19.3599, 0.3908,
0.2480


 102.8868, 0.3590,
0.2798

 11.9306, 0.4031,
0.2361


 131.5591, 0.3555,
0.2834

 6.6965, 0.4200,
0.2201

165.1172, 0.3525,
0.2865

 3.2730, 0.4444,
0.1978

203.9455, 0.3499,
0.2892

 1.2759, 0.4824,
0.1649

248.4286, 0.3476,

 0.1224, 0.5896,

0.2916

0.0465

298.9507, 0.3456,
0.2937

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.3414, 0.3740,
0.2646

■ 42.3414, 0.3740,
0.2646

■ 35.5823, 0.3937,
0.2529

■ 50.8405, 0.3567,
0.2779

■ 30.4447, 0.4156,
0.2441

■ 61.1993, 0.3420,
0.2919

■ 26.7842, 0.4389,
0.2394

■ 73.5188, 0.3296,
0.3059

■ 24.4334, 0.4626,
0.2400

■ 87.8947, 0.3193,
0.3194

■ 23.1744, 0.4855,
0.2460

100.0000, 0.3127,
0.3290

■ 22.9463, 0.4912,
0.2480

Harmonies

Analogous

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



42.3414, 0.2936, 0.2279



42.3414, 0.3740, 0.2646



42.3414, 0.4418, 0.3153

Triad

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



42.3414, 0.3740, 0.2646



42.3414, 0.3892, 0.4679



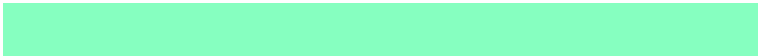
42.3414, 0.1784, 0.2556

Complementary

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



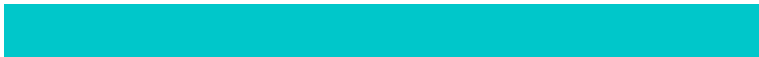
42.3414, 0.3740, 0.2646



80.3941, 0.2783, 0.4061

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.



42.3414, 0.1967, 0.3233



42.3414, 0.3740, 0.2646



42.3414, 0.3156, 0.4659

Square

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



42.3414, 0.3740, 0.2646



42.3414, 0.4462, 0.4279



42.3414, 0.2452, 0.4076



42.3414, 0.1893, 0.2191

Rectangle

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



42.3414, 0.3740, 0.2646



42.3414, 0.4650, 0.3529



42.3414, 0.2452, 0.4076



42.3414, 0.1811, 0.2749

Sweetspot

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



42.3391, 0.3740, 0.2646



78.2459, 0.3258, 0.3106



35.2756, 0.2632, 0.1937



16.1094, 0.3281, 0.3077



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.



42.3391, 0.3740, 0.2646



35.8524, 0.3928, 0.2534



40.1445, 0.4403, 0.3252



18.1450, 0.3212, 0.3167



12.0203, 0.4877, 0.2460



1.1925, 0.4634, 0.2327

Inverse Universe

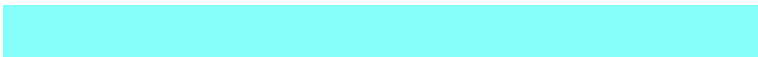
The Inverse Universe completely reimagines the original color for something new.



42.3391, 0.3740, 0.2646



35.8524, 0.3928, 0.2534



83.5508, 0.2514, 0.3334



18.1450, 0.3212, 0.3167



12.0203, 0.4877, 0.2460



1.1925, 0.4634, 0.2327

Previews

White Background



This preview shows how the Yxy color 42.3414, 0.3740, 0.2646 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 42.3414, 0.3740, 0.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

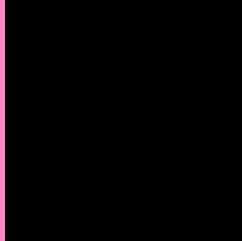
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3414, 0.3740, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 42.3414, 0.3740, 0.2646.



This preview shows how white text looks on a background with the Yxy color 42.3414, 0.3740, 0.2646.

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

42.3414, 0.3740, 0.2646

Protanopia

42.8962, 0.2666, 0.2650

Deuteranopia

42.7014, 0.3078, 0.3018



Tritanopia

42.4541, 0.4155, 0.3187

Trichromacy



Original Color

42.3414, 0.3740, 0.2646



Protanomaly

41.3871, 0.2997, 0.2623



Deuteranomaly

41.6658, 0.3308, 0.2856



Tritanomaly

42.3162, 0.4000, 0.2986

Monochromacy



Original Color

42.3414, 0.3740, 0.2646



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

41.9296, 0.3339, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3414, 0.3740, 0.2646 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(255, 134, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 197)  
}
```

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(255, 134, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 197) }
```

Border

The CSS property to change the border of an element to Yxy 42.3414, 0.3740, 0.2646 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(255, 134, 197) }
```

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

```
.border{ border-color:rgb(255, 134, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3414, 0.3740, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 197) }
```

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

```
.background{ background-color: rgb(255,  
134, 197) }
```

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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