

Converting Colors

$Y_{xy}(35.2350, 0.3957, 0.2530)$

Have a look what the booklet for
Yxy(35.2350, 0.3957, 0.2530)
contains.

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Color

Yxy(35.1943, 0.3962, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	FF6BB7
RGB	255, 107, 183
RGB Percent	100%, 42%, 72%
CMY	0.0000, 0.5804, 0.2823
CMYK	0.00, 0.58, 0.28, 0.00
HSL	329°, 100%, 71%
HSV	329°, 58%, 100%
XYZ	55.0493, 35.1943, 48.6996
YIQ	159.9160, 63.8120, 55.0120

Conversions

Conversions Part 2

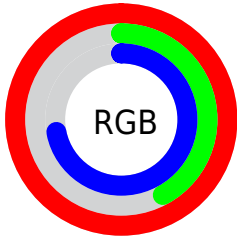
Format	Color
R _Y B	255, 107, 183
Decimal	16739255
CIE Lab	65.90, 63.77, -11.74
CIE LCh	66, 64.838, 349.564
Yxy	35.1943, 0.3962, 0.2533
Android (android.graphics.Color)	4294929335 (0xFFFF6BB7)
YUV	159.9160, 11.3804, 83.3887
Hunter-Lab	59.3248, 61.8172, -7.1437

Details

The Yxy color **35.1943, 0.3962, 0.2533** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.8993, 0.2731, 0.4259**, and the grayscale version is **35.0364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0429, 0.3298, 0.2543**, and **15.2468, 0.4212, 0.2331** is the 20% darker color. If you saturate the color by 10%, you get **30.1442, 0.4186, 0.2448**, and if you desaturate by 10%, it is **41.8562, 0.3760, 0.2647**.

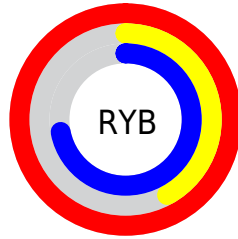
Distribution



Red (100%)

Green (42%)

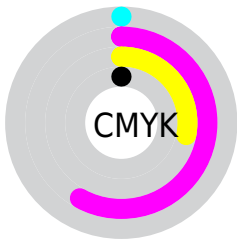
Blue (72%)



Red (100%)

Yellow (42%)

Blue (72%)

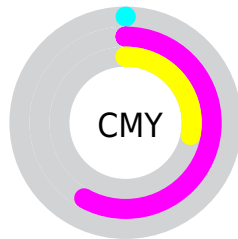


Cyan (0%)

Magenta (58%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1943, 0.3962, 0.2533 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 35.1943, 0.3962, 0.2533 by changing the saturation by 10% instead.


 35.1943, 0.3962,
0.2533


 35.1943, 0.3962,
0.2533


325.4251, 0.3538,
0.2906

 23.8126, 0.4069,
0.2442


 67.7867, 0.3807,
0.2667


 15.1947, 0.4207,
0.2327


 89.7661, 0.3749,
0.2718

 8.9561, 0.4391,
0.2177


 116.0469, 0.3700,
0.2761

 4.7126, 0.4648,
0.1974

 147.0134, 0.3658,
0.2798

 2.0796, 0.5029,
0.1687

183.0502, 0.3622,
0.2830

 0.6531, 0.5663,
0.1229

224.5414, 0.3591,

 0.0000, 0.7799,

0.2859

0.0000

271.8716, 0.3563,
0.2884

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

35.1943, 0.3962,
0.2533

35.1943, 0.3962,
0.2533

30.1442, 0.4186,
0.2448

41.8562, 0.3760,
0.2647

26.5637, 0.4424,
0.2406

50.2572, 0.3583,
0.2778

24.2832, 0.4665,
0.2416

60.5106, 0.3432,
0.2916

23.0731, 0.4897,
0.2480

72.7202, 0.3305,
0.3054

■ 22.8981, 0.4942,
0.2496

■ 86.9821, 0.3199,
0.3188

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



35.1943, 0.2940, 0.2089



35.1943, 0.3962, 0.2533



35.1943, 0.4803, 0.3131

Triad

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



35.1943, 0.3962, 0.2533



35.1943, 0.3959, 0.5039



35.1943, 0.1502, 0.2312

Complementary

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



35.1943, 0.3962, 0.2533



77.8993, 0.2731, 0.4259

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.



35.1943, 0.1675, 0.3116



35.1943, 0.3962, 0.2533



35.1943, 0.3052, 0.5046

Square

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



35.1943, 0.3962, 0.2533



35.1943, 0.4706, 0.4488



35.1943, 0.2214, 0.4234



35.1943, 0.1655, 0.1927

Rectangle

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



35.1943, 0.3962, 0.2533



35.1943, 0.5051, 0.3572



35.1943, 0.2214, 0.4234



35.1943, 0.1521, 0.2530

Sweetspot

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



35.1939, 0.3962, 0.2533



74.1079, 0.3293, 0.3068



27.2622, 0.2507, 0.1635



15.2933, 0.3316, 0.3041



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.



35.1939, 0.3962, 0.2533



29.3321, 0.4232, 0.2436



32.8884, 0.4903, 0.3272



18.1429, 0.3213, 0.3169



11.9951, 0.4906, 0.2477



1.1900, 0.4660, 0.2341

Inverse Universe

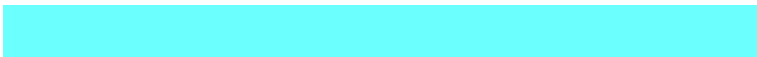
The Inverse Universe completely reimagines the original color for something new.



35.1939, 0.3962, 0.2533



29.3321, 0.4232, 0.2436



81.7076, 0.2414, 0.3317



18.1429, 0.3213, 0.3169



11.9951, 0.4906, 0.2477



1.1900, 0.4660, 0.2341

Previews

White Background



This preview shows how the Yxy color 35.1943, 0.3962, 0.2533 looks on a white background.

Color Contrast Check

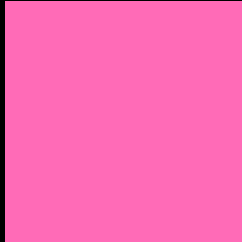
Large Text (above 18pt) WCAG AA × Fail

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 35.1943, 0.3962, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

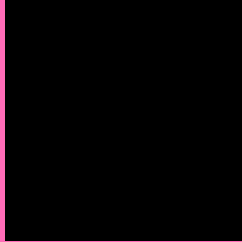
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1943, 0.3962, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 35.1943, 0.3962, 0.2533.



This preview shows how white text looks on a background with the Yxy color 35.1943, 0.3962, 0.2533.

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

35.1943, 0.3962, 0.2533

Protanopia

35.3553, 0.2535, 0.2476

Deuteranopia

35.3071, 0.3082, 0.3024



Tritanopia

35.0500, 0.4569, 0.3212

Trichromacy



Original Color

35.1943, 0.3962, 0.2533



Protanomaly

33.0634, 0.2962, 0.2447



Deuteranomaly

33.6707, 0.3382, 0.2781



Tritanomaly

35.0635, 0.4358, 0.2965

Monochromacy



Original Color

35.1943, 0.3962, 0.2533



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

33.4790, 0.3429, 0.2936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1943, 0.3962, 0.2533 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, 107, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 183)  
}
```

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, 107, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 183) }
```

Border

The CSS property to change the border of an element to Yxy 35.1943, 0.3962, 0.2533 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, 107, 183) }
```

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

```
.border{ border-color:rgb(255, 107, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1943, 0.3962, 0.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 183) }
```

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

```
.background{ background-color: rgb(255,  
107, 183) }
```

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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