

Converting Colors

Yxy(37.9889, 0.3997, 0.2626)

Have a look what the booklet for
Yxy(37.9889, 0.3997, 0.2626)
contains.

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Color

Yxy(36.9404, 0.3942, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	FF73B7
RGB	255, 115, 183
RGB Percent	100%, 45%, 72%
CMY	0.0000, 0.5490, 0.2822
CMYK	0.00, 0.55, 0.28, 0.00
HSL	331°, 100%, 73%
HSV	331°, 55%, 100%
XYZ	55.9213, 36.9404, 48.9985
YIQ	164.6120, 61.6120, 50.8280

Conversions

Conversions Part 2

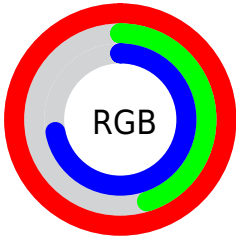
Format	Color
R_{YB}	255, 115, 183
Decimal	16741303
CIE _{Lab}	67.23, 60.21, -9.76
CIE _{LCh}	67, 60.996, 350.793
Yxy	36.9404, 0.3942, 0.2604
Android (android.graphics.Color)	4294931383 (0xFFFF73B7)
YUV	164.6120, 9.0653, 79.2703
Hunter-Lab	60.7786, 57.8720, -5.2534

Details

The Yxy color **36.9404, 0.3942, 0.2604** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.7514, 0.2726, 0.4144**, and the grayscale version is **37.3661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6178, 0.3292, 0.2611**, and **16.2399, 0.4182, 0.2422** is the 20% darker color. If you saturate the color by 10%, you get **31.3875, 0.4175, 0.2515**, and if you desaturate by 10%, it is **44.1545, 0.3735, 0.2718**.

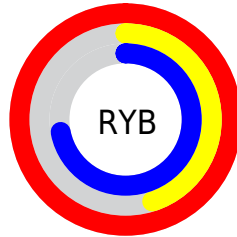
Distribution



Red (100%)

Green (45%)

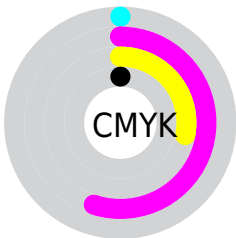
Blue (72%)



Red (100%)

Yellow (45%)

Blue (72%)

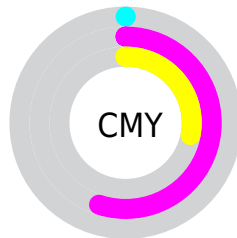


Cyan (0%)

Magenta (55%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9404, 0.3942, 0.2604 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 36.9404, 0.3942, 0.2604 by changing the saturation by 10% instead.


 36.9404, 0.3942,
0.2604


 36.9404, 0.3942,
0.2604


333.0524, 0.3529,
0.2942


 25.1613, 0.4046,
0.2521


 70.4811, 0.3791,
0.2726

 16.1973, 0.4180,
0.2417


 93.0116, 0.3735,
0.2772

 9.6639, 0.4359,
0.2280


 119.8946, 0.3687,
0.2811

 5.1767, 0.4609,
0.2094

151.5146, 0.3646,
0.2845

 2.3513, 0.4980,
0.1829

188.2560, 0.3611,
0.2874

 0.8007, 0.5580,
0.1425

230.5032, 0.3580,

 0.0000, 0.7785,

0.2900

0.0000

278.6405, 0.3553,
0.2922

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

36.9404, 0.3942,
0.2604

36.9404, 0.3942,
0.2604

31.3875, 0.4175,
0.2515

44.1545, 0.3735,
0.2718

27.3547, 0.4427,
0.2464

53.1481, 0.3555,
0.2845

24.6830, 0.4687,
0.2463

64.0331, 0.3404,
0.2977

23.1756, 0.4939,
0.2518

76.9108, 0.3277,
0.3107

■ 22.7130, 0.5062,
0.2562

■ 91.8753, 0.3172,
0.3232

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.



36.9404, 0.2994, 0.2173



36.9404, 0.3942, 0.2604



36.9404, 0.4703, 0.3179

Triad

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



36.9404, 0.3942, 0.2604



36.9404, 0.3891, 0.4934



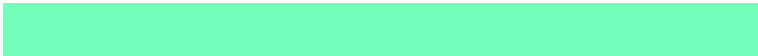
36.9404, 0.1596, 0.2362

Complementary

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



36.9404, 0.3942, 0.2604



78.7514, 0.2726, 0.4144

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.



36.9404, 0.1753, 0.3100



36.9404, 0.3942, 0.2604



36.9404, 0.3038, 0.4883

Square

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



36.9404, 0.3942, 0.2604



36.9404, 0.4593, 0.4458



36.9404, 0.2255, 0.4117



36.9404, 0.1754, 0.2004

Rectangle

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



36.9404, 0.3942, 0.2604



36.9404, 0.4922, 0.3601



36.9404, 0.2255, 0.4117



36.9404, 0.1612, 0.2564

Sweetspot

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



36.9416, 0.3942, 0.2604



75.3964, 0.3290, 0.3093



29.7957, 0.2569, 0.1732



15.5447, 0.3314, 0.3066



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.



36.9416, 0.3942, 0.2604



30.8731, 0.4202, 0.2507



34.7593, 0.4784, 0.3295



18.1342, 0.3218, 0.3175



11.8979, 0.5024, 0.2541



1.1804, 0.4762, 0.2397

Inverse Universe

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



36.9416, 0.3942, 0.2604



30.8731, 0.4202, 0.2507



82.3848, 0.2430, 0.3288



18.1342, 0.3218, 0.3175



11.8979, 0.5024, 0.2541



1.1804, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 36.9404, 0.3942, 0.2604 looks on a white background.

Color Contrast Check

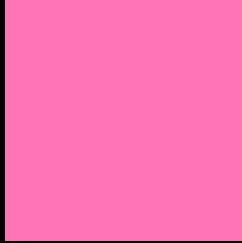
Large Text (above 18pt) WCAG AA × Fail

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 36.9404, 0.3942, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

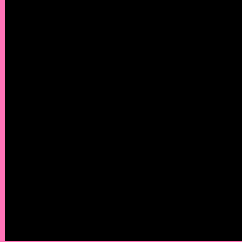
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9404, 0.3942, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 36.9404, 0.3942, 0.2604.



This preview shows how white text looks on a background with the Yxy color 36.9404, 0.3942, 0.2604.

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

36.9404, 0.3942, 0.2604

Protanopia

37.2310, 0.2614, 0.2577

Deuteranopia

36.9295, 0.3119, 0.3056



Tritanopia

36.8977, 0.4460, 0.3201

Trichromacy



Original Color

36.9404, 0.3942, 0.2604



Protanomaly

35.2540, 0.3018, 0.2554



Deuteranomaly

35.5961, 0.3395, 0.2837



Tritanomaly

36.6372, 0.4270, 0.2972

Monochromacy



Original Color

36.9404, 0.3942, 0.2604



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

35.8518, 0.3408, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9404, 0.3942, 0.2604 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, 115, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 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, 115, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 183) }
```

Border

The CSS property to change the border of an element to Yxy 36.9404, 0.3942, 0.2604 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, 115, 183) }
```

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

```
.border{ border-color:rgb(255, 115, 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, 115, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9404, 0.3942, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 183) }
```

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

```
.background{ background-color: rgb(255,  
115, 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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