

Converting Colors

$Y_{xy}(37.0638, 0.3892, 0.2560)$

Have a look what the booklet for
Yxy(37.0638, 0.3892, 0.2560)
contains.

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Color

Yxy(37.1093, 0.3895, 0.2565)

Conversions

Conversions Part 1

Format	Color
Hex	FF73BB
RGB	255, 115, 187
RGB Percent	100%, 45%, 73%
CMY	0.0000, 0.5491, 0.2666
CMYK	0.00, 0.55, 0.27, 0.00
HSL	329°, 100%, 73%
HSV	329°, 55%, 100%
XYZ	56.3512, 37.1093, 51.2152
YIQ	165.0680, 60.3280, 52.0720

Conversions

Conversions Part 2

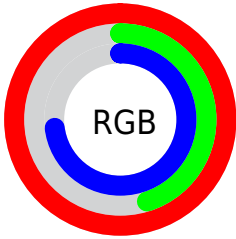
Format	Color
R _Y B	255, 115, 187
Decimal	16741307
CIE Lab	67.36, 60.73, -11.82
CIE LCh	67, 61.874, 348.989
Yxy	37.1093, 0.3895, 0.2565
Android (android.graphics.Color)	4294931387 (0xFFFF73BB)
YUV	165.0680, 10.8125, 78.8704
Hunter-Lab	60.9174, 58.5145, -7.2048

Details

The Yxy color **37.1093, 0.3895, 0.2565** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.5804, 0.2744, 0.4198**, and the grayscale version is **37.5796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2361, 0.3259, 0.2585**, and **16.3494, 0.4111, 0.2373** is the 20% darker color. If you saturate the color by 10%, you get **31.5651, 0.4112, 0.2470**, and if you desaturate by 10%, it is **44.2975, 0.3701, 0.2686**.

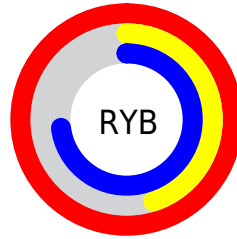
Distribution



Red (100%)

Green (45%)

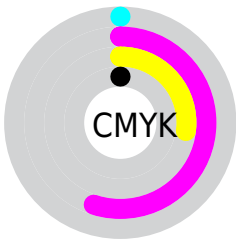
Blue (73%)



Red (100%)

Yellow (45%)

Blue (73%)

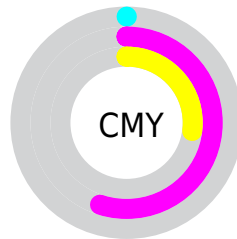


Cyan (0%)

Magenta (55%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1093, 0.3895, 0.2565 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 37.1093, 0.3895, 0.2565 by changing the saturation by 10% instead.


 37.1093, 0.3895,
0.2565


 37.1093, 0.3895,
0.2565


333.7835, 0.3509,
0.2920


 25.2921, 0.3992,
0.2479


 70.7409, 0.3754,
0.2692

 16.2948, 0.4116,
0.2371


 93.3240, 0.3701,
0.2740

 9.7330, 0.4281,
0.2230


 120.2647, 0.3657,
0.2781

 5.2223, 0.4510,
0.2040

151.9471, 0.3619,
0.2817

 2.3783, 0.4847,
0.1772

188.7559, 0.3586,
0.2848

 0.8147, 0.5387,
0.1372

231.0752, 0.3557,

 0.0000, 0.7126,

0.2875

0.0000

279.2897, 0.3531,
0.2899

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.1093, 0.3895,
0.2565

■ 37.1093, 0.3895,
0.2565

■ 31.5651, 0.4112,
0.2470

■ 44.2975, 0.3701,
0.2686

■ 27.5418, 0.4346,
0.2413

■ 53.2659, 0.3532,
0.2820

■ 24.8748, 0.4587,
0.2405

■ 64.1199, 0.3389,
0.2959

■ 23.3676, 0.4823,
0.2453

■ 76.9608, 0.3269,
0.3096

■ 22.9040, 0.4939,
0.2494

■ 91.8824, 0.3170,
0.3228

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.



37.1093, 0.2937, 0.2142



37.1093, 0.3895, 0.2565



37.1093, 0.4690, 0.3138

Triad

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



37.1093, 0.3895, 0.2565



37.1093, 0.3945, 0.4935



37.1093, 0.1581, 0.2384

Complementary

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



37.1093, 0.3895, 0.2565



78.5804, 0.2744, 0.4198

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.



37.1093, 0.1759, 0.3153



37.1093, 0.3895, 0.2565



37.1093, 0.3087, 0.4931

Square

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



37.1093, 0.3895, 0.2565



37.1093, 0.4641, 0.4431



37.1093, 0.2285, 0.4189



37.1093, 0.1721, 0.2002

Rectangle

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



37.1093, 0.3895, 0.2565



37.1093, 0.4935, 0.3562



37.1093, 0.2285, 0.4189



37.1093, 0.1603, 0.2596

Sweetspot

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



37.1045, 0.3895, 0.2565



75.4636, 0.3281, 0.3081



29.5009, 0.2549, 0.1724



15.5607, 0.3305, 0.3053



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.



37.1045, 0.3895, 0.2565



31.0562, 0.4137, 0.2461



34.8076, 0.4756, 0.3272



18.1431, 0.3213, 0.3168



11.9981, 0.4903, 0.2475



1.1903, 0.4657, 0.2339

Inverse Universe

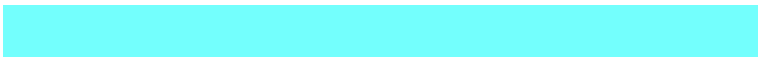
The Inverse Universe completely reimagines the original color for something new.



37.1045, 0.3895, 0.2565



31.0562, 0.4137, 0.2461



82.2338, 0.2439, 0.3315



18.1431, 0.3213, 0.3168



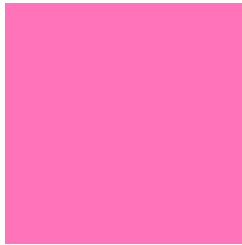
11.9981, 0.4903, 0.2475



1.1903, 0.4657, 0.2339

Previews

White Background



This preview shows how the Yxy color 37.1093, 0.3895, 0.2565 looks on a white background.

Color Contrast Check

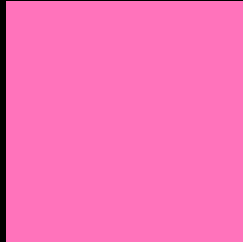
Large Text (above 18pt) WCAG AA × Fail

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 37.1093, 0.3895, 0.2565 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 37.1093, 0.3895, 0.2565

Background



This preview shows how black text looks on a background with the Yxy color 37.1093, 0.3895, 0.2565.



This preview shows how white text looks on a background with the Yxy color 37.1093, 0.3895, 0.2565.

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

37.1093, 0.3895, 0.2565

Protanopia

37.2510, 0.2573, 0.2528

Deuteranopia

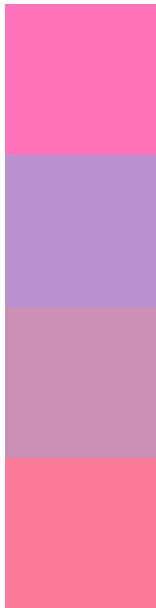
37.3211, 0.3074, 0.3016



Tritanopia

36.9950, 0.4434, 0.3200

Trichromacy



Original Color

37.1093, 0.3895, 0.2565

Protanomaly

35.3206, 0.2974, 0.2508

Deuteranomaly

36.0619, 0.3353, 0.2802

Tritanomaly

36.9476, 0.4242, 0.2961

Monochromacy



Original Color

37.1093, 0.3895, 0.2565

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

35.8903, 0.3398, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1093, 0.3895, 0.2565 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 187) }
```

Border

The CSS property to change the border of an element to Yxy 37.1093, 0.3895, 0.2565 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, 187) }
```

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

```
.border{ border-color:rgb(255, 115, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1093, 0.3895, 0.2565 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
115, 187) }
```

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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