

Converting Colors

$Y_{xy}(42.2462, 0.4581, 0.3103)$

Have a look what the booklet for
Yxy(42.2462, 0.4581, 0.3103)
contains.

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Color

Yxy(37.7196, 0.4371, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C91
RGB	255, 124, 145
RGB Percent	100%, 49%, 57%
CMY	0.0001, 0.5136, 0.4314
CMYK	0.00, 0.51, 0.43, 0.00
HSL	350°, 100%, 74%
HSV	350°, 51%, 100%
XYZ	53.5474, 37.7196, 31.2390
YIQ	165.5630, 71.3350, 34.3030

Conversions

Conversions Part 2

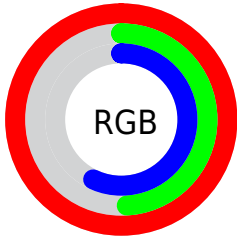
Format	Color
R _Y B	255, 124, 145
Decimal	16743569
CIE Lab	67.81, 51.69, 12.60
CIE LCh	68, 53.203, 13.695
Yxy	37.7196, 0.4371, 0.3079
Android (android.graphics.Color)	4294933649 (0xFFFF7C91)
YUV	165.5630, -10.1376, 78.4362
Hunter-Lab	61.4163, 48.1513, 12.8339

Details

The Yxy color **37.7196, 0.4371, 0.3079** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.7260, 0.2549, 0.3535**, and the grayscale version is **37.9393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0260, 0.3619, 0.3094**, and **16.6759, 0.4747, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **31.5343, 0.4773, 0.3055**, and if you desaturate by 10%, it is **45.6852, 0.4022, 0.3115**.

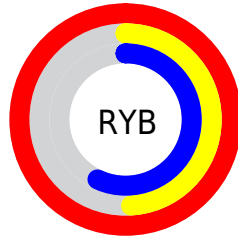
Distribution



Red (100%)

Green (49%)

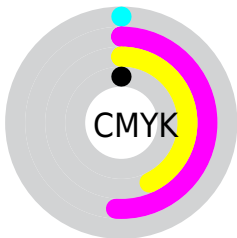
Blue (57%)



Red (100%)

Yellow (49%)

Blue (57%)

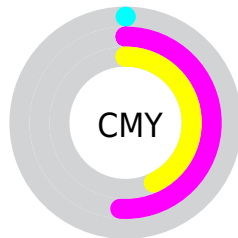


Cyan (0%)

Magenta (51%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7196, 0.4371, 0.3079 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 37.7196, 0.4371, 0.3079 by changing the saturation by 10% instead.


 37.7196, 0.4371,
0.3079


 37.7196, 0.4371,
0.3079


336.4156, 0.3723,
0.3207


 25.7651, 0.4539,
0.3040


 71.6782, 0.4131,
0.3131

 16.6480, 0.4757,
0.2986


 94.4510, 0.4042,
0.3149

 9.9839, 0.5051,
0.2906


 121.5988, 0.3967,
0.3163

 5.3883, 0.5465,
0.2782

153.5060, 0.3904,
0.3175

 2.4768, 0.6078,
0.2572

190.5568, 0.3849,
0.3185

 0.8650, 0.7511,
0.2324

233.1358, 0.3802,


 0.0000, 1.0000,


0.3193


0.0000


281.6272, 0.3760,
0.3201


 0.0000, 0.0000,
0.0000

 37.7196, 0.4371,
0.3079


 37.7196, 0.4371,
0.3079


 31.5343, 0.4773,
0.3055


 45.6852, 0.4022,
0.3115


 26.9863, 0.5206,
0.3053


 55.5477, 0.3730,
0.3158


 23.9202, 0.5629,
0.3078

 67.4210, 0.3492,
0.3202

 22.1479, 0.5986,
0.3133

 81.4081, 0.3300,
0.3245

 21.4117, 0.6208,
0.3193

 97.6050, 0.3146,
0.3285

99.9930, 0.3127,
0.3290

Harmonies

Analogous

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



37.7196, 0.3646, 0.2580



37.7196, 0.4371, 0.3079



37.7196, 0.4701, 0.3651

Triad

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



37.7196, 0.4371, 0.3079



37.7196, 0.3251, 0.4719



37.7196, 0.1846, 0.2204

Complementary

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



37.7196, 0.4371, 0.3079



81.7260, 0.2549, 0.3535

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.



37.7196, 0.1772, 0.2613



37.7196, 0.4371, 0.3079



37.7196, 0.2521, 0.4190

Square

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



37.7196, 0.4371, 0.3079



37.7196, 0.3987, 0.4666



37.7196, 0.1995, 0.3336



37.7196, 0.2204, 0.2093

Rectangle

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



37.7196, 0.4371, 0.3079



37.7196, 0.4640, 0.4038



37.7196, 0.1995, 0.3336



37.7196, 0.1789, 0.2305

Sweetspot

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



37.7216, 0.4371, 0.3079



76.0776, 0.3366, 0.3229



38.9900, 0.2992, 0.1980



15.6497, 0.3406, 0.3220



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.



37.7216, 0.4371, 0.3079



31.2008, 0.4800, 0.3055



50.5963, 0.4351, 0.3744



18.0345, 0.3269, 0.3252



11.2056, 0.6177, 0.3176



1.1040, 0.5901, 0.3024

Inverse Universe

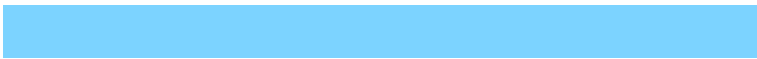
The Inverse Universe completely reimagines the original color for something new.



37.7216, 0.4371, 0.3079



31.2008, 0.4800, 0.3055



58.2539, 0.2355, 0.2758



18.0345, 0.3269, 0.3252



11.2056, 0.6177, 0.3176



1.1040, 0.5901, 0.3024

Previews

White Background



This preview shows how the Yxy color 37.7196, 0.4371, 0.3079 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 37.7196, 0.4371, 0.3079 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 37.7196, 0.4371, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 37.7196, 0.4371, 0.3079.



This preview shows how white text looks on a background with the Yxy color 37.7196, 0.4371, 0.3079.

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

37.7196, 0.4371, 0.3079

Protanopia

38.0251, 0.3138, 0.3262

Deuteranopia

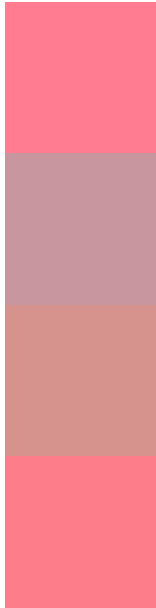
37.7367, 0.3638, 0.3561



Tritanopia

37.7418, 0.4471, 0.3202

Trichromacy



Original Color

37.7196, 0.4371, 0.3079

Protanomaly

36.5953, 0.3555, 0.3174

Deuteranomaly

36.7770, 0.3905, 0.3354

Tritanomaly

37.6021, 0.4429, 0.3150

Monochromacy



Original Color

37.7196, 0.4371, 0.3079

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.6076, 0.3542, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7196, 0.4371, 0.3079 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, 124, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 145)  
}
```

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, 124, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.7196, 0.4371, 0.3079 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, 124, 145) }
```

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

```
.border{ border-color:rgb(255, 124, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7196, 0.4371, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 145) }
```

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

```
.background{ background-color: rgb(255,  
124, 145) }
```

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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