

Converting Colors

Yxy(37.3114, 0.3680, 0.2526)

Have a look what the booklet for
Yxy(37.3114, 0.3680, 0.2526)
contains.

Yxy(37.3391, 0.3676, 0.2530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.3391, 0.3676, 0.2530)

Conversions

Conversions Part 1

Format	Color
Hex	F47BC3
RGB	244, 123, 195
RGB Percent	96%, 48%, 76%
CMY	0.0430, 0.5177, 0.2352
CMYK	0.00, 0.50, 0.20, 0.04
HSL	324°, 85%, 72%
HSV	324°, 50%, 96%
XYZ	54.2524, 37.3391, 55.9939
YIQ	167.3870, 49.0040, 48.0440

Conversions

Conversions Part 2

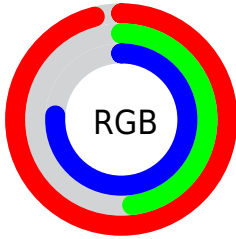
Format	Color
RYB	244, 123, 195
Decimal	16022467
CIELab	67.53, 54.71, -16.22
CIELCh	68, 57.067, 343.491
Yxy	37.3391, 0.3676, 0.2530
Android (android.graphics.Color)	4294212547 (0xFFFF47BC3)
YUV	167.3870, 13.6132, 67.1896
Hunter-Lab	61.1057, 51.5452, -11.5560

Details

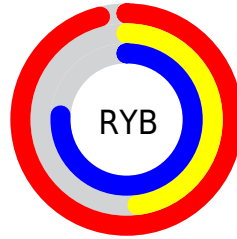
The Yxy color **37.3391, 0.3676, 0.2530** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.9086, 0.2818, 0.4224**, and the grayscale version is **38.7558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5285, 0.3185, 0.2573**, and **16.3716, 0.3830, 0.2332** is the 20% darker color. If you saturate the color by 10%, you get **31.5914, 0.3841, 0.2402**, and if you desaturate by 10%, it is **44.6286, 0.3529, 0.2678**.

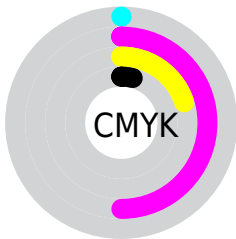
Distribution



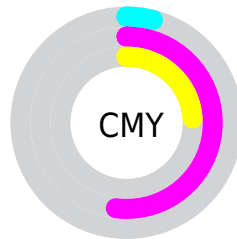
- Red (96%)
- Green (48%)
- Blue (76%)



- Red (96%)
- Yellow (48%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3391, 0.3676, 0.2530 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 37.3391, 0.3676, 0.2530 by changing the saturation by 10% instead.


 37.3391, 0.3676,
0.2530


 37.3391, 0.3676,
0.2530


334.7763, 0.3405,
0.2898


 25.4702, 0.3743,
0.2442


 71.0940, 0.3578,
0.2661

 16.4277, 0.3827,
0.2331


 93.7488, 0.3541,
0.2711

 9.8273, 0.3939,
0.2189


 120.7676, 0.3510,
0.2754

 5.2846, 0.4091,
0.1998

152.5348, 0.3483,
0.2790

 2.4152, 0.4311,
0.1731

189.4350, 0.3459,
0.2823

 0.8337, 0.4653,
0.1340

231.8523, 0.3439,

 0.0000, 0.5678,

0.2851

0.0000

280.1713, 0.3421,
0.2876

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.3391, 0.3676,
0.2530

■ 37.3391, 0.3676,
0.2530

■ 31.5914, 0.3841,
0.2402

■ 44.6286, 0.3529,
0.2678

■ 27.2653, 0.4020,
0.2305


■ 53.5575, 0.3402,
0.2835

■ 24.2314, 0.4209,
0.2252

■ 64.2217, 0.3293,
0.2994

■ 22.3338, 0.4398,
0.2251


■ 76.7082, 0.3201,
0.3148

 21.3239, 0.4582,
0.2299

 91.0979, 0.3124,
0.3296

 21.2909, 0.4589,
0.2302

 97.9341, 0.3064,
0.3297

 97.9790, 0.3060,
0.3290

Harmonies

Analogous

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



37.3391, 0.2806, 0.2164



37.3391, 0.3676, 0.2530



37.3391, 0.4461, 0.3053

Triad

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



37.3391, 0.3676, 0.2530



37.3391, 0.4039, 0.4758



37.3391, 0.1688, 0.2562

Complementary

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



37.3391, 0.3676, 0.2530



71.9086, 0.2818, 0.4224

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.



37.3391, 0.1921, 0.3339



37.3391, 0.3676, 0.2530



37.3391, 0.3253, 0.4840

Square

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



37.3391, 0.3676, 0.2530



37.3391, 0.4627, 0.4266



37.3391, 0.2477, 0.4272



37.3391, 0.1765, 0.2133

Rectangle

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



37.3391, 0.3676, 0.2530



37.3391, 0.4759, 0.3450



37.3391, 0.2477, 0.4272



37.3391, 0.1729, 0.2784

Sweetspot

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



37.3409, 0.3676, 0.2530



77.0195, 0.3249, 0.3065



29.3971, 0.2537, 0.1851



15.8752, 0.3269, 0.3032



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.



37.3409, 0.3676, 0.2530



34.6158, 0.3850, 0.2396



35.1511, 0.4391, 0.3164



16.6481, 0.3200, 0.3150



11.6011, 0.4561, 0.2286



1.0399, 0.4345, 0.2167

Inverse Universe

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



37.3409, 0.3676, 0.2530



34.6158, 0.3850, 0.2396



74.7528, 0.2531, 0.3435



16.6481, 0.3200, 0.3150



11.6011, 0.4561, 0.2286



1.0399, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 37.3391, 0.3676, 0.2530 looks on a white background.

Color Contrast Check

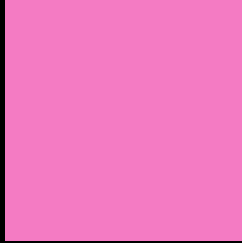
Large Text (above 18pt) WCAG AA × Fail

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 37.3391, 0.3676, 0.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

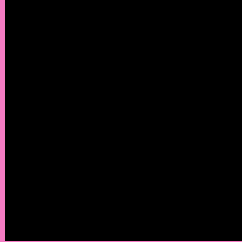
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3391, 0.3676, 0.2530

Background



This preview shows how black text looks on a background with the Yxy color 37.3391, 0.3676, 0.2530.



This preview shows how white text looks on a background with the Yxy color 37.3391, 0.3676, 0.2530.

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

37.3391, 0.3676, 0.2530

Protanopia

37.8180, 0.2549, 0.2496

Deuteranopia

37.7099, 0.2971, 0.2909



Tritanopia

37.3841, 0.4192, 0.3193

Trichromacy



Original Color

37.3391, 0.3676, 0.2530



Protanomaly

36.0512, 0.2888, 0.2471



Deuteranomaly

36.4993, 0.3212, 0.2735



Tritanomaly

37.2747, 0.4006, 0.2941

Monochromacy



Original Color

37.3391, 0.3676, 0.2530



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

36.9096, 0.3322, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3391, 0.3676, 0.2530 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(244, 123, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 123, 195)  
}
```

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(244, 123, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 123, 195) }
```

Border

The CSS property to change the border of an element to Yxy 37.3391, 0.3676, 0.2530 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(244, 123, 195) }
```

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

```
.border{ border-color:rgb(244, 123, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 123, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 123, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 123, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 123,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3391, 0.3676, 0.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 123, 195) }
```

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

```
.background{ background-color: rgb(244,  
123, 195) }
```

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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