

Converting Colors

$Y_{xy}(37.8217, 0.3429, 0.2299)$

Have a look what the booklet for
Yxy(37.8217, 0.3429, 0.2299)
contains.

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Color

Yxy(37.7392, 0.3434, 0.2301)

Conversions

Conversions Part 1

Format	Color
Hex	F379D9
RGB	243, 121, 217
RGB Percent	95%, 47%, 85%
CMY	0.0471, 0.5254, 0.1491
CMYK	0.00, 0.50, 0.11, 0.05
HSL	313°, 84%, 71%
HSV	313°, 50%, 95%
XYZ	56.3218, 37.7392, 69.9512
YIQ	168.4220, 41.8960, 55.7200

Conversions

Conversions Part 2

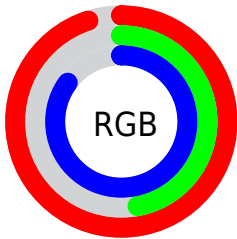
Format	Color
R _Y B	243, 121, 217
Decimal	15956441
CIE Lab	67.83, 58.64, -28.04
CIE LCh	68, 65.001, 334.442
Yxy	37.7392, 0.3434, 0.2301
Android (android.graphics.Color)	4294146521 (0xFFFF379D9)
YUV	168.4220, 23.9490, 65.4049
Hunter-Lab	61.4322, 56.1444, -24.5093

Details

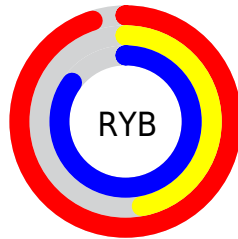
The Yxy color **37.7392, 0.3434, 0.2301** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70.2736, 0.2930, 0.4555**, and the grayscale version is **39.2423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9243, 0.3163, 0.2527**, and **16.5796, 0.3494, 0.2056** is the 20% darker color. If you saturate the color by 10%, you get **32.2942, 0.3515, 0.2139**, and if you desaturate by 10%, it is **44.6834, 0.3358, 0.2487**.

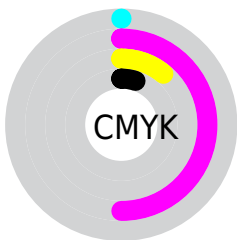
Distribution



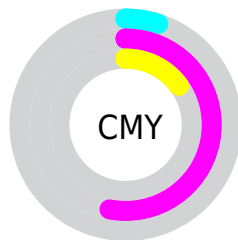
- Red (95%)
- Green (47%)
- Blue (85%)



- Red (95%)
- Yellow (47%)
- Blue (85%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7392, 0.3434, 0.2301 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 37.7392, 0.3434, 0.2301 by changing the saturation by 10% instead.


 37.7392, 0.3434,
0.2301


 37.7392, 0.3434,
0.2301


336.4999, 0.3296,
0.2766


 25.7803, 0.3464,
0.2194


 71.7082, 0.3387,
0.2463

 16.6594, 0.3500,
0.2063


 94.4872, 0.3369,
0.2526

 9.9919, 0.3544,
0.1897

 121.6416, 0.3352,
0.2580

 5.3936, 0.3597,
0.1682

153.5559, 0.3338,
0.2627

 2.4800, 0.3662,
0.1397

190.6145, 0.3326,
0.2668

 0.8666, 0.3733,
0.1013

233.2018, 0.3315,

 0.0000, 0.3981,

0.2704

0.0000

281.7021, 0.3305,
0.2737

■ 0.0000, 0.2340,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.7392, 0.3434,
0.2301

■ 37.7392, 0.3434,
0.2301

■ 32.2942, 0.3515,
0.2139

■ 44.6834, 0.3358,
0.2487

■ 28.2291, 0.3600,
0.2012


■ 53.2237, 0.3289,
0.2686


■ 25.4153, 0.3686,
0.1927

■ 63.4548, 0.3228,
0.2890


■ 23.6973, 0.3769,
0.1889

■ 75.4629, 0.3174,
0.3092

 22.8240, 0.3847,
0.1893

 89.3279, 0.3128,
0.3286

 97.3566, 0.3093,
0.3357

 97.6828, 0.3063,
0.3307

 97.7945, 0.3054,
0.3290

Harmonies

Analogous

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



37.7392, 0.2504, 0.1970



37.7392, 0.3434, 0.2301



37.7392, 0.4407, 0.2826

Triad

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



37.7392, 0.3434, 0.2301



37.7392, 0.4352, 0.4775



37.7392, 0.1571, 0.2677

Complementary

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



37.7392, 0.3434, 0.2301



70.2736, 0.2930, 0.4555

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.



37.7392, 0.1923, 0.3660



37.7392, 0.3434, 0.2301



37.7392, 0.3515, 0.5102

Square

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



37.7392, 0.3434, 0.2301



37.7392, 0.4919, 0.4136



37.7392, 0.2625, 0.4697



37.7392, 0.1564, 0.2096

Rectangle

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



37.7392, 0.3434, 0.2301



37.7392, 0.4856, 0.3241



37.7392, 0.2625, 0.4697



37.7392, 0.1648, 0.2965

Sweetspot

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



37.7410, 0.3434, 0.2301



77.4627, 0.3199, 0.2995



26.2054, 0.2333, 0.1759



15.9824, 0.3211, 0.2952



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.



37.7410, 0.3434, 0.2301



36.0567, 0.3515, 0.2140



35.1871, 0.4112, 0.2897



16.7042, 0.3171, 0.3106



12.5474, 0.3835, 0.1886



1.1175, 0.3741, 0.1835

Inverse Universe

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



37.7410, 0.3434, 0.2301



36.0567, 0.3515, 0.2140



72.6421, 0.2639, 0.3749



16.7042, 0.3171, 0.3106



12.5474, 0.3835, 0.1886



1.1175, 0.3741, 0.1835

Previews

White Background



This preview shows how the Yxy color 37.7392, 0.3434, 0.2301 looks on a white background.

Color Contrast Check

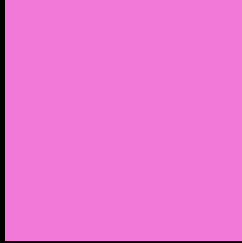
Large Text (above 18pt) WCAG AA × Fail

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 37.7392, 0.3434, 0.2301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

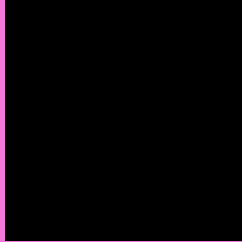
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7392, 0.3434, 0.2301

Background



This preview shows how black text looks on a background with the Yxy color 37.7392, 0.3434, 0.2301.

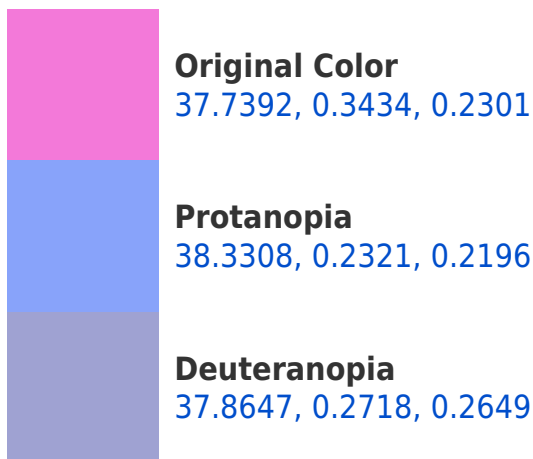


This preview shows how white text looks on a background with the Yxy color 37.7392, 0.3434, 0.2301.

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





Tritanopia

37.6601, 0.4092, 0.3179

Trichromacy



Original Color

37.7392, 0.3434, 0.2301



Protanomaly

36.4668, 0.2636, 0.2200



Deuteranomaly

36.6187, 0.2951, 0.2474



Tritanomaly

37.3883, 0.3857, 0.2837

Monochromacy



Original Color

37.7392, 0.3434, 0.2301



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.2805, 0.3236, 0.2843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7392, 0.3434, 0.2301 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(243, 121, 217)` looks like.

```
.text, #text, p{  
    color:rgb(243, 121, 217)  
}
```

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(243, 121, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 121, 217) }
```

Border

The CSS property to change the border of an element to Yxy 37.7392, 0.3434, 0.2301 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(243, 121, 217) }
```

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

```
.border{ border-color:rgb(243, 121, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 121, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 121, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 121, 217);  
box-shadow:4px 4px 4px 4px rgb(243, 121,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7392, 0.3434, 0.2301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 121, 217) }
```

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

```
.background{ background-color: rgb(243,  
121, 217) }
```

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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