

Converting Colors

$Y_{xy}(37.3300, 0.3490, 0.2356)$

Have a look what the booklet for
Yxy(37.3300, 0.3490, 0.2356)
contains.

Yxy(37.2551, 0.3486, 0.2352)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.2551, 0.3486, 0.2352)

Conversions

Conversions Part 1

Format	Color
Hex	F279D3
RGB	242, 121, 211
RGB Percent	95%, 47%, 83%
CMY	0.0510, 0.5255, 0.1724
CMYK	0.00, 0.50, 0.13, 0.05
HSL	315°, 82%, 71%
HSV	315°, 50%, 95%
XYZ	55.2174, 37.2551, 65.9251
YIQ	167.4390, 43.2260, 53.6420

Conversions

Conversions Part 2

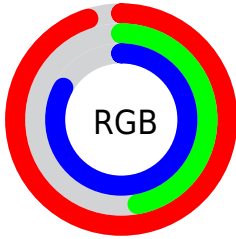
Format	Color
R _Y B	242, 121, 211
Decimal	15890899
CIE Lab	67.47, 57.43, -25.29
CIE LCh	67, 62.750, 336.235
Yxy	37.2551, 0.3486, 0.2352
Android (android.graphics.Color)	4294080979 (0xFFFF279D3)
YUV	167.4390, 21.4756, 65.3900
Hunter-Lab	61.0370, 54.6662, -21.3123

Details

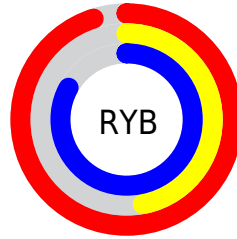
The Yxy color **37.2551, 0.3486, 0.2352** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **69.8398, 0.2905, 0.4479**, and the grayscale version is **38.7470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9243, 0.3163, 0.2527**, and **16.3640, 0.3568, 0.2125** is the 20% darker color. If you saturate the color by 10%, you get **31.7898, 0.3585, 0.2197**, and if you desaturate by 10%, it is **44.2109, 0.3395, 0.2530**.

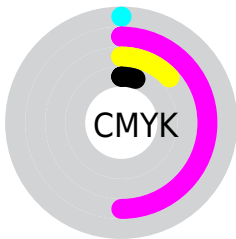
Distribution



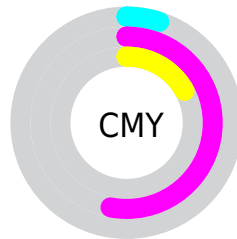
- Red (95%)
- Green (47%)
- Blue (83%)



- Red (95%)
- Yellow (47%)
- Blue (83%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2551, 0.3486, 0.2352 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 37.2551, 0.3486, 0.2352 by changing the saturation by 10% instead.


 37.2551, 0.3486,
0.2352


 37.2551, 0.3486,
0.2352


334.4136, 0.3319,
0.2797


 25.4051, 0.3524,
0.2249


 70.9650, 0.3428,
0.2508

 16.3791, 0.3570,
0.2121

 93.5936, 0.3405,
0.2568

 9.7928, 0.3629,
0.1959


 120.5838, 0.3386,
0.2620

 5.2618, 0.3703,
0.1747

152.3201, 0.3369,
0.2664

 2.4017, 0.3799,
0.1463

189.1869, 0.3354,
0.2704

 0.8268, 0.3924,
0.1070

231.5684, 0.3341,

 0.0000, 0.4298,

0.2738

0.0000

279.8492, 0.3329,
0.2769

0.0000, 0.2445,
0.0000

0.0000, 0.0000,
0.0000

37.2551, 0.3486,
0.2352

37.2551, 0.3486,
0.2352

31.7898, 0.3585,
0.2197

44.2109, 0.3395,
0.2530

27.6971, 0.3689,
0.2075


52.7530, 0.3314,
0.2720


24.8501, 0.3795,
0.1995

62.9752, 0.3242,
0.2915


23.0953, 0.3899,
0.1964


74.9624, 0.3180,
0.3106

 22.1758, 0.4000,
0.1977

 88.7940, 0.3127,
0.3290

 97.1884, 0.3086,
0.3356

 97.5799, 0.3051,
0.3296

 97.6186, 0.3048,
0.3290

Harmonies

Analogous

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



37.2551, 0.2570, 0.2014



37.2551, 0.3486, 0.2352



37.2551, 0.4416, 0.2876

Triad

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



37.2551, 0.3486, 0.2352



37.2551, 0.4283, 0.4772



37.2551, 0.1600, 0.2653

Complementary

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



37.2551, 0.3486, 0.2352



69.8398, 0.2905, 0.4479

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.



37.2551, 0.1926, 0.3587



37.2551, 0.3486, 0.2352



37.2551, 0.3459, 0.5044

Square

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



37.2551, 0.3486, 0.2352



37.2551, 0.4852, 0.4164



37.2551, 0.2595, 0.4600



37.2551, 0.1610, 0.2107

Rectangle

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



37.2551, 0.3486, 0.2352



37.2551, 0.4831, 0.3286



37.2551, 0.2595, 0.4600



37.2551, 0.1669, 0.2926

Sweetspot

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



37.2569, 0.3486, 0.2352



77.3621, 0.3210, 0.3010



26.6883, 0.2384, 0.1783



15.9581, 0.3223, 0.2970



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.



37.2569, 0.3486, 0.2352



35.7117, 0.3586, 0.2194



34.7949, 0.4180, 0.2964



15.9582, 0.3177, 0.3116



11.9355, 0.3984, 0.1968



1.0089, 0.3859, 0.1900

Inverse Universe

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



37.2569, 0.3486, 0.2352



35.7117, 0.3586, 0.2194



72.3146, 0.2611, 0.3668



15.9582, 0.3177, 0.3116



11.9355, 0.3984, 0.1968



1.0089, 0.3859, 0.1900

Previews

White Background



This preview shows how the Yxy color 37.2551, 0.3486, 0.2352 looks on a white background.

Color Contrast Check

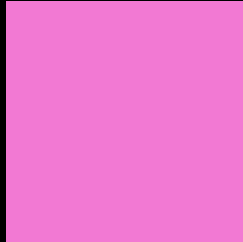
Large Text (above 18pt) WCAG AA × Fail

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 37.2551, 0.3486, 0.2352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

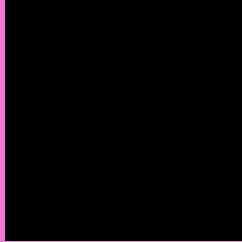
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2551, 0.3486, 0.2352

Background



This preview shows how black text looks on a background with the Yxy color 37.2551, 0.3486, 0.2352.

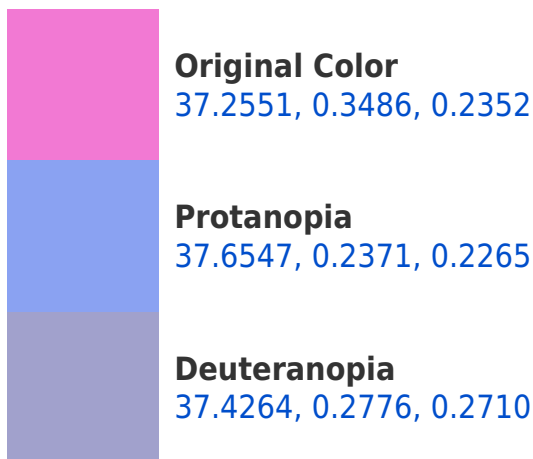


This preview shows how white text looks on a background with the Yxy color 37.2551, 0.3486, 0.2352.

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

37.3148, 0.4120, 0.3191

Trichromacy



Original Color

37.2551, 0.3486, 0.2352



Protanomaly

35.8671, 0.2691, 0.2257



Deuteranomaly

36.0099, 0.3002, 0.2527



Tritanomaly

37.2743, 0.3891, 0.2870

Monochromacy



Original Color

37.2551, 0.3486, 0.2352



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

36.7009, 0.3256, 0.2865

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2551, 0.3486, 0.2352 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(242, 121, 211)` looks like.

```
.text, #text, p{  
    color:rgb(242, 121, 211)  
}
```

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(242, 121, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 121, 211) }
```

Border

The CSS property to change the border of an element to Yxy 37.2551, 0.3486, 0.2352 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(242, 121, 211) }
```

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

```
.border{ border-color:rgb(242, 121, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 121, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 121, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 121, 211);  
box-shadow:4px 4px 4px 4px rgb(242, 121,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2551, 0.3486, 0.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 121, 211) }
```

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

```
.background{ background-color: rgb(242,  
121, 211) }
```

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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