

Converting Colors

Yxy(37.1884, 0.3694, 0.2645)

Have a look what the booklet for
Yxy(37.1884, 0.3694, 0.2645)
contains.

Yxy(37.2033, 0.3695, 0.2646)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.2033, 0.3695, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	EE80BB
RGB	238, 128, 187
RGB Percent	93%, 50%, 73%
CMY	0.0666, 0.4981, 0.2667
CMYK	0.00, 0.46, 0.21, 0.07
HSL	328°, 76%, 72%
HSV	328°, 46%, 93%
XYZ	51.9525, 37.2033, 51.4463
YIQ	167.6160, 46.6210, 41.6690

Conversions

Conversions Part 2

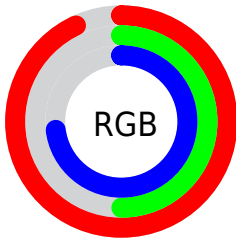
Format	Color
R _Y B	238, 128, 187
Decimal	15630523
CIE Lab	67.43, 49.21, -11.93
CIE LCh	67, 50.631, 346.371
Yxy	37.2033, 0.3695, 0.2646
Android (android.graphics.Color)	4293820603 (0xFFEE80BB)
YUV	167.6160, 9.5563, 61.7268
Hunter-Lab	60.9945, 45.2981, -7.3125

Details

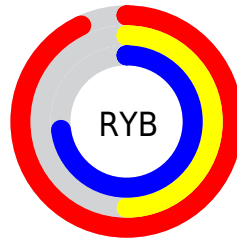
The Yxy color **37.2033, 0.3695, 0.2646** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.0067, 0.2800, 0.4057**, and the grayscale version is **38.8953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5980, 0.3251, 0.2693**, and **16.4567, 0.3857, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **31.2527, 0.3881, 0.2523**, and if you desaturate by 10%, it is **44.6500, 0.3533, 0.2784**.

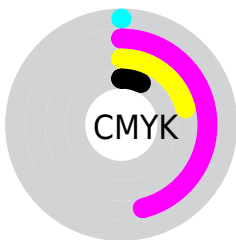
Distribution



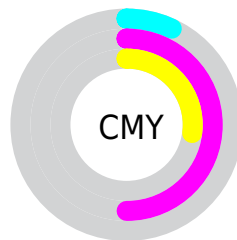
- Red (93%)
- Green (50%)
- Blue (73%)



- Red (93%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2033, 0.3695, 0.2646 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 37.2033, 0.3695, 0.2646 by changing the saturation by 10% instead.


 37.2033, 0.3695,
0.2646


 37.2033, 0.3695,
0.2646


334.1899, 0.3410,
0.2963


 25.3649, 0.3767,
0.2569

 70.8854, 0.3591,
0.2760

 16.3492, 0.3859,
0.2471


 93.4978, 0.3552,
0.2803

 9.7716, 0.3981,
0.2343


 120.4705, 0.3519,
0.2840

 5.2478, 0.4152,
0.2169

152.1877, 0.3491,
0.2871

 2.3934, 0.4405,
0.1920

189.0338, 0.3466,
0.2898

 0.8225, 0.4817,
0.1538

231.3933, 0.3445,

 0.0000, 0.6405,

0.2923

0.0000

279.6505, 0.3426,
0.2944

0.0000, 0.0000,
0.0000

37.2033, 0.3695,
0.2646

37.2033, 0.3695,
0.2646

31.2527, 0.3881,
0.2523

44.6500, 0.3533,
0.2784

26.6886, 0.4087,
0.2427

53.6814, 0.3394,
0.2928

23.3950, 0.4309,
0.2370

64.3858, 0.3277,
0.3070

21.2345, 0.4535,
0.2363


76.8431, 0.3179,
0.3208

20.0358, 0.4756,
0.2412

91.1283, 0.3098,
0.3338

 19.7292, 0.4838,
0.2439

 96.8075, 0.3033,
0.3307

 96.9209, 0.3023,
0.3290

Harmonies

Analogous

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



37.2033, 0.2915, 0.2292



37.2033, 0.3695, 0.2646



37.2033, 0.4363, 0.3139

Triad

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



37.2033, 0.3695, 0.2646



37.2033, 0.3901, 0.4634



37.2033, 0.1817, 0.2597

Complementary

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



37.2033, 0.3695, 0.2646



69.0067, 0.2800, 0.4057

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.



37.2033, 0.2009, 0.3267



37.2033, 0.3695, 0.2646



37.2033, 0.3186, 0.4627

Square

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



37.2033, 0.3695, 0.2646



37.2033, 0.4445, 0.4240



37.2033, 0.2494, 0.4080



37.2033, 0.1913, 0.2227

Rectangle

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



37.2033, 0.3695, 0.2646



37.2033, 0.4601, 0.3507



37.2033, 0.2494, 0.4080



37.2033, 0.1848, 0.2789

Sweetspot

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



37.2051, 0.3695, 0.2646



78.2786, 0.3254, 0.3101



31.0182, 0.2635, 0.1974



16.1174, 0.3277, 0.3071



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.



37.2051, 0.3695, 0.2646



37.1796, 0.3861, 0.2535



35.3252, 0.4324, 0.3233



15.9006, 0.3209, 0.3164



11.0310, 0.4806, 0.2421



0.9378, 0.4537, 0.2273

Inverse Universe

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



37.2051, 0.3695, 0.2646



37.1796, 0.3861, 0.2535



71.6065, 0.2536, 0.3355



15.9006, 0.3209, 0.3164



11.0310, 0.4806, 0.2421



0.9378, 0.4537, 0.2273

Previews

White Background



This preview shows how the Yxy color 37.2033, 0.3695, 0.2646 looks on a white background.

Color Contrast Check

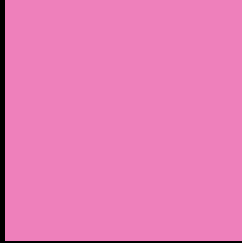
Large Text (above 18pt) WCAG AA × Fail

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 37.2033, 0.3695, 0.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

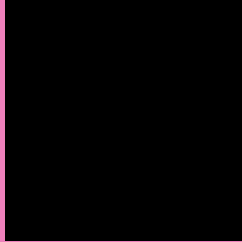
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2033, 0.3695, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 37.2033, 0.3695, 0.2646.



This preview shows how white text looks on a background with the Yxy color 37.2033, 0.3695, 0.2646.

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

37.2033, 0.3695, 0.2646

Protanopia

37.5729, 0.2657, 0.2641

Deuteranopia

37.4032, 0.3057, 0.2990



Tritanopia

37.1761, 0.4098, 0.3179

Trichromacy



Original Color

37.2033, 0.3695, 0.2646



Protanomaly

36.1442, 0.2979, 0.2621



Deuteranomaly

36.5108, 0.3278, 0.2831



Tritanomaly

37.0104, 0.3947, 0.2976

Monochromacy



Original Color

37.2033, 0.3695, 0.2646



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.2151, 0.3319, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2033, 0.3695, 0.2646 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(238, 128, 187)` looks like.

```
.text, #text, p{  
    color:rgb(238, 128, 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(238, 128, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 128, 187) }
```

Border

The CSS property to change the border of an element to Yxy 37.2033, 0.3695, 0.2646 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(238, 128, 187) }
```

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

```
.border{ border-color:rgb(238, 128, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 128, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 128, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 128, 187);  
box-shadow:4px 4px 4px 4px rgb(238, 128,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2033, 0.3695, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 128, 187) }
```

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

```
.background{ background-color: rgb(238,  
128, 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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