

Converting Colors

Yxy(37.4917, 0.3698, 0.2659)

Have a look what the booklet for
Yxy(37.4917, 0.3698, 0.2659)
contains.

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Color

Yxy(37.4655, 0.3692, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	EE81BB
RGB	238, 129, 187
RGB Percent	93%, 51%, 73%
CMY	0.0667, 0.4941, 0.2666
CMYK	0.00, 0.46, 0.21, 0.07
HSL	328°, 76%, 72%
HSV	328°, 46%, 93%
XYZ	52.0793, 37.4655, 51.5151
YIQ	168.2030, 46.3460, 41.1460

Conversions

Conversions Part 2

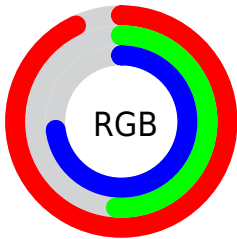
Format	Color
R _Y B	238, 129, 187
Decimal	15630779
CIE Lab	67.62, 48.69, -11.66
CIE LCh	68, 50.072, 346.531
Yxy	37.4655, 0.3692, 0.2656
Android (android.graphics.Color)	4293820859 (0xFFEE81BB)
YUV	168.2030, 9.2669, 61.2120
Hunter-Lab	61.2091, 44.7596, -7.0536

Details

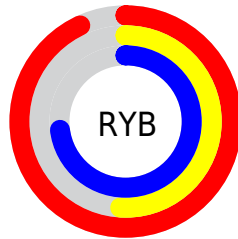
The Yxy color **37.4655, 0.3692, 0.2656** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.1050, 0.2800, 0.4042**, and the grayscale version is **39.2013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0120, 0.3250, 0.2703**, and **16.5934, 0.3854, 0.2488** is the 20% darker color. If you saturate the color by 10%, you get **31.4519, 0.3878, 0.2533**, and if you desaturate by 10%, it is **44.9795, 0.3529, 0.2794**.

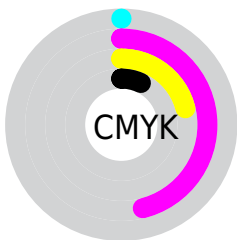
Distribution



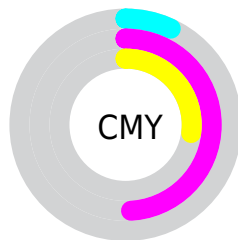
- Red (93%)
- Green (51%)
- Blue (73%)



- Red (93%)
- Yellow (51%)
- Blue (73%)



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



- Cyan (7%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4655, 0.3692, 0.2656 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 37.4655, 0.3692, 0.2656 by changing the saturation by 10% instead.

 37.4655, 0.3692,
0.2656


 37.4655, 0.3692,
0.2656


335.3215, 0.3408,
0.2968

 25.5681, 0.3763,
0.2580


 71.2881, 0.3589,
0.2768

 16.5008, 0.3855,
0.2484


 93.9822, 0.3550,
0.2810

 9.8792, 0.3976,
0.2358

 121.0439, 0.3517,
0.2846

 5.3190, 0.4146,
0.2186

152.8577, 0.3489,
0.2878

 2.4356, 0.4398,
0.1940

189.8080, 0.3465,
0.2905

 0.8441, 0.4807,
0.1565

232.2791, 0.3443,


 0.0000, 0.6405,


0.2928


0.0000


280.6555, 0.3425,
0.2949

 0.0000, 0.0000,
0.0000


 37.4655, 0.3692,
0.2656


 37.4655, 0.3692,
0.2656


 31.4519, 0.3878,
0.2533


 44.9795, 0.3529,
0.2794

 26.8297, 0.4086,
0.2436


 54.0822, 0.3390,
0.2936

 23.4836, 0.4310,
0.2378

 64.8616, 0.3273,
0.3078

 21.2771, 0.4539,
0.2370

 77.3973, 0.3176,
0.3214

 20.0418, 0.4762,
0.2417

 91.7639, 0.3095,
0.3343

■ 19.6998, 0.4854,
0.2448

■ 96.8384, 0.3030,
0.3301

■ 96.9153, 0.3023,
0.3290

Harmonies

Analogous

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



37.4655, 0.2922, 0.2305



37.4655, 0.3692, 0.2656



37.4655, 0.4349, 0.3145

Triad

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



37.4655, 0.3692, 0.2656



37.4655, 0.3889, 0.4618



37.4655, 0.1831, 0.2604

Complementary

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



37.4655, 0.3692, 0.2656



69.1050, 0.2800, 0.4042

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.



37.4655, 0.2021, 0.3264



37.4655, 0.3692, 0.2656



37.4655, 0.3183, 0.4606

Square

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



37.4655, 0.3692, 0.2656



37.4655, 0.4427, 0.4234



37.4655, 0.2499, 0.4064



37.4655, 0.1928, 0.2238

Rectangle

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



37.4655, 0.3692, 0.2656



37.4655, 0.4582, 0.3510



37.4655, 0.2499, 0.4064



37.4655, 0.1862, 0.2794

Sweetspot

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



37.4673, 0.3692, 0.2656



78.2707, 0.3255, 0.3102



31.5627, 0.2656, 0.1993



16.1155, 0.3278, 0.3072



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.



37.4673, 0.3692, 0.2656



37.1567, 0.3867, 0.2540



35.5619, 0.4329, 0.3253



15.8995, 0.3210, 0.3165



11.0180, 0.4821, 0.2430



0.9367, 0.4551, 0.2280

Inverse Universe

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



37.4673, 0.3692, 0.2656



37.1567, 0.3867, 0.2540



71.7719, 0.2532, 0.3332



15.8995, 0.3210, 0.3165



11.0180, 0.4821, 0.2430



0.9367, 0.4551, 0.2280

Previews

White Background



This preview shows how the Yxy color 37.4655, 0.3692, 0.2656 looks on a white background.

Color Contrast Check

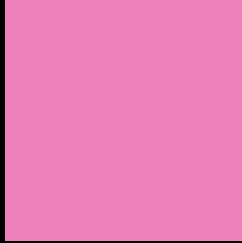
Large Text (above 18pt) WCAG AA × Fail

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 37.4655, 0.3692, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

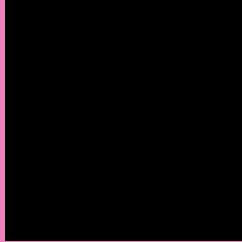
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4655, 0.3692, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 37.4655, 0.3692, 0.2656.



This preview shows how white text looks on a background with the Yxy color 37.4655, 0.3692, 0.2656.

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

37.4655, 0.3692, 0.2656

Protanopia

37.6198, 0.2672, 0.2654

Deuteranopia

37.8658, 0.3066, 0.3004



Tritanopia

37.4903, 0.4082, 0.3179

Trichromacy



Original Color

37.4655, 0.3692, 0.2656



Protanomaly

36.5878, 0.2989, 0.2635



Deuteranomaly

36.8259, 0.3277, 0.2844



Tritanomaly

37.3210, 0.3932, 0.2976

Monochromacy



Original Color

37.4655, 0.3692, 0.2656



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.5438, 0.3317, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4655, 0.3692, 0.2656 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, 129, 187)` looks like.

```
.text, #text, p{  
    color:rgb(238, 129, 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, 129, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 129, 187) }
```

Border

The CSS property to change the border of an element to Yxy 37.4655, 0.3692, 0.2656 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, 129, 187) }
```

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

```
.border{ border-color:rgb(238, 129, 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, 129, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 129, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 129, 187); box-shadow:4px 4px 4px 4px rgb(238, 129, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4655, 0.3692, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 129, 187) }
```

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

```
.background{ background-color: rgb(238,  
129, 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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