

Converting Colors

$Y_{xy}(37.6880, 0.4056, 0.3038)$

Have a look what the booklet for
Yxy(37.6880, 0.4056, 0.3038)
contains.

Yxy(37.7006, 0.4055, 0.3038)	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(37.7006, 0.4055, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	F0859C
RGB	240, 133, 156
RGB Percent	94%, 52%, 61%
CMY	0.0589, 0.4784, 0.3883
CMYK	0.00, 0.45, 0.35, 0.06
HSL	347°, 78%, 73%
HSV	347°, 45%, 94%
XYZ	50.3212, 37.7006, 36.0749
YIQ	167.6150, 56.3890, 29.8370

Conversions

Conversions Part 2

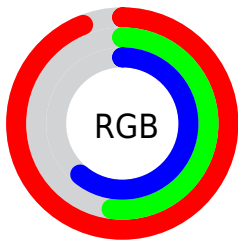
Format	Color
R_{YB}	240, 133, 156
Decimal	15762844
CIE _{Lab}	67.80, 43.29, 6.09
CIE _{LCh}	68, 43.712, 8.008
Yxy	37.7006, 0.4055, 0.3038
Android (android.graphics.Color)	4293952924 (0xFFFF0859C)
YUV	167.6150, -5.7262, 63.4816
Hunter-Lab	61.4008, 38.8388, 8.1458

Details

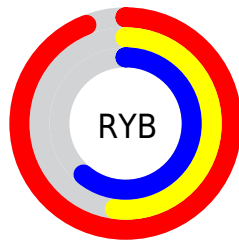
The Yxy color **37.7006, 0.4055, 0.3038** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.3136, 0.2635, 0.3572**, and the grayscale version is **38.9688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8796, 0.3509, 0.3065**, and **16.5810, 0.4345, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **31.2745, 0.4393, 0.2992**, and if you desaturate by 10%, it is **45.7306, 0.3769, 0.3094**.

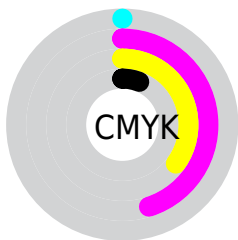
Distribution



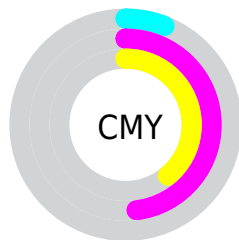
- Red (94%)
- Green (52%)
- Blue (61%)



- Red (94%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (45%)
- Yellow (35%)
- Black (6%)




- Cyan (6%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.7006, 0.4055, 0.3038 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 37.7006, 0.4055, 0.3038 by changing the saturation by 10% instead.


 37.7006, 0.4055,
0.3038


 37.7006, 0.4055,
0.3038


336.3339, 0.3573,
0.3176

 25.7504, 0.4181,
0.3000


 71.6490, 0.3876,
0.3091

 16.6370, 0.4345,
0.2949

 94.4160, 0.3810,
0.3110

 9.9760, 0.4569,
0.2877


 121.5574, 0.3754,
0.3126

 5.3831, 0.4889,
0.2769

153.4575, 0.3707,
0.3139

 2.4737, 0.5379,
0.2593

190.5009, 0.3666,
0.3150

 0.8634, 0.6314,
0.2310

233.0718, 0.3631,

 0.0000, 1.0000,

0.3160

0.0000

281.5546, 0.3600,
0.3168

0.0000, 0.0000,
0.0000

37.7006, 0.4055,
0.3038

37.7006, 0.4055,
0.3038

31.2745, 0.4393,
0.2992

45.7306, 0.3769,
0.3094

26.3385, 0.4778,
0.2963

55.4568, 0.3534,
0.3153

22.7728, 0.5188,
0.2963


66.9713, 0.3343,
0.3211


20.4365, 0.5585,
0.2999

80.3580, 0.3188,
0.3266

19.1576, 0.5922,
0.3071

95.6952, 0.3063,
0.3317

 18.7680, 0.6070,
0.3117

 97.2640, 0.3035,
0.3290

Harmonies

Analogous

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



37.7006, 0.3432, 0.2625



37.7006, 0.4055, 0.3038



37.7006, 0.4405, 0.3526

Triad

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



37.7006, 0.4055, 0.3038



37.7006, 0.3372, 0.4475



37.7006, 0.2011, 0.2431

Complementary

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



37.7006, 0.4055, 0.3038



72.3136, 0.2635, 0.3572

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.



37.7006, 0.1998, 0.2840



37.7006, 0.4055, 0.3038



37.7006, 0.2744, 0.4125

Square

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



37.7006, 0.4055, 0.3038



37.7006, 0.3966, 0.4391



37.7006, 0.2250, 0.3472



37.7006, 0.2277, 0.2278

Rectangle

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



37.7006, 0.4055, 0.3038



37.7006, 0.4417, 0.3857



37.7006, 0.2250, 0.3472



37.7006, 0.1978, 0.2538

Sweetspot

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



37.7025, 0.4055, 0.3038



79.0785, 0.3317, 0.3220



37.7923, 0.2969, 0.2130



16.2451, 0.3354, 0.3207



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.



37.7025, 0.4055, 0.3038



36.8232, 0.4343, 0.2997



46.5271, 0.4159, 0.3629



15.8144, 0.3259, 0.3239



10.2905, 0.6033, 0.3097



0.8703, 0.5675, 0.2900

Inverse Universe

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



37.7025, 0.4055, 0.3038



36.8232, 0.4343, 0.2997



57.2144, 0.2461, 0.2912



15.8144, 0.3259, 0.3239



10.2905, 0.6033, 0.3097



0.8703, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 37.7006, 0.4055, 0.3038 looks on a white background.

Color Contrast Check

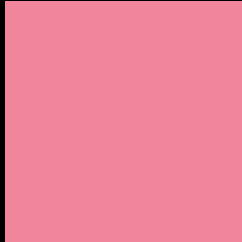
Large Text (above 18pt) WCAG AA × Fail

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 37.7006, 0.4055, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

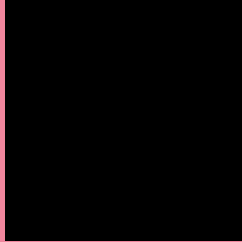
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7006, 0.4055, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 37.7006, 0.4055, 0.3038.



This preview shows how white text looks on a background with the Yxy color 37.7006, 0.4055, 0.3038.

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

37.7006, 0.4055, 0.3038

Protanopia

38.0733, 0.3060, 0.3164

Deuteranopia

37.9408, 0.3477, 0.3413



Tritanopia

37.7230, 0.4164, 0.3182

Trichromacy



Original Color

37.7006, 0.4055, 0.3038

Protanomaly

36.9099, 0.3396, 0.3106

Deuteranomaly

37.2344, 0.3679, 0.3253

Tritanomaly

37.5708, 0.4122, 0.3126

Monochromacy



Original Color

37.7006, 0.4055, 0.3038

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.5924, 0.3432, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7006, 0.4055, 0.3038 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(240, 133, 156)` looks like.

```
.text, #text, p{  
    color:rgb(240, 133, 156)  
}
```

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(240, 133, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 133, 156) }
```

Border

The CSS property to change the border of an element to Yxy 37.7006, 0.4055, 0.3038 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(240, 133, 156) }
```

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

```
.border{ border-color:rgb(240, 133, 156) }
```

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

Here you see how a box with a 4 pixel rgb(240, 133, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 133, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 133, 156);  
box-shadow:4px 4px 4px 4px rgb(240, 133,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7006, 0.4055, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 133, 156) }
```

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

```
.background{ background-color: rgb(240,  
133, 156) }
```

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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