

Converting Colors

$Y_{xy}(37.5750, 0.3997, 0.3076)$

Have a look what the booklet for
Yxy(37.5750, 0.3997, 0.3076)
contains.

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Color

Yxy(37.4673, 0.3995, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	EA889B
RGB	234, 136, 155
RGB Percent	92%, 53%, 61%
CMY	0.0822, 0.4667, 0.3922
CMYK	0.00, 0.42, 0.34, 0.08
HSL	348°, 70%, 73%
HSV	348°, 42%, 92%
XYZ	48.6612, 37.4673, 35.6768
YIQ	167.4680, 52.3090, 26.6850

Conversions

Conversions Part 2

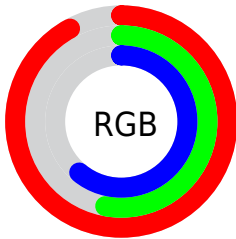
Format	Color
R_{YB}	234, 136, 155
Decimal	15370395
CIE _{Lab}	67.63, 39.53, 6.30
CIE _{LCh}	68, 40.034, 9.057
Yxy	37.4673, 0.3995, 0.3076
Android (android.graphics.Color)	4293560475 (0xFFEA889B)
YUV	167.4680, -6.1467, 58.3486
Hunter-Lab	61.2105, 34.7856, 8.2900

Details

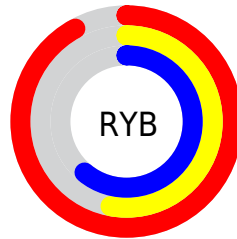
The Yxy color **37.4673, 0.3995, 0.3076** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.0073, 0.2649, 0.3525**, and the grayscale version is **38.8954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1251, 0.3512, 0.3106**, and **16.5702, 0.4271, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **30.9970, 0.4328, 0.3032**, and if you desaturate by 10%, it is **45.4794, 0.3716, 0.3127**.

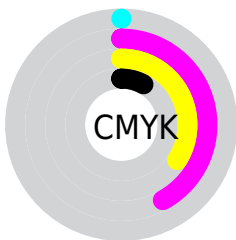
Distribution



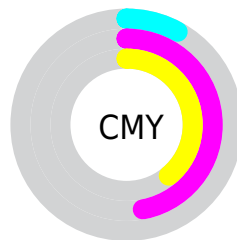
- Red (92%)
- Green (53%)
- Blue (61%)



- Red (92%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)
- Black (8%)





- Cyan (8%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4673, 0.3995, 0.3076 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 37.4673, 0.3995, 0.3076 by changing the saturation by 10% instead.


 37.4673, 0.3995,
0.3076

 37.4673, 0.3995,
0.3076


335.3293, 0.3543,
0.3194

 25.5695, 0.4113,
0.3043


 71.2909, 0.3827,
0.3122

 16.5019, 0.4268,
0.2998


 93.9855, 0.3765,
0.3138

 9.8800, 0.4480,
0.2935


 121.0479, 0.3713,
0.3151

 5.3195, 0.4783,
0.2839

152.8623, 0.3669,
0.3163

 2.4359, 0.5253,
0.2681

189.8133, 0.3631,
0.3172

 0.8443, 0.6189,
0.2432

232.2852, 0.3598,


 0.0000, 1.0000,

0.3181


0.0000


280.6624, 0.3569,
0.3188


 0.0000, 0.0000,
0.0000


 37.4673, 0.3995,
0.3076


 37.4673, 0.3995,
0.3076


 30.9970, 0.4328,
0.3032

 45.4794, 0.3716,
0.3127

 25.9636, 0.4712,
0.3002

 55.1180, 0.3487,
0.3181


 22.2582, 0.5128,
0.2996

 66.4685, 0.3302,
0.3232

 19.7534, 0.5540,
0.3022

 79.6086, 0.3152,
0.3281

 18.2967, 0.5898,
0.3082

 94.6110, 0.3031,
0.3326

 17.6912, 0.6121,
0.3146

 96.2388, 0.3000,
0.3290

Harmonies

Analogous

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



37.4673, 0.3432, 0.2685



37.4673, 0.3995, 0.3076



37.4673, 0.4305, 0.3534

Triad

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



37.4673, 0.3995, 0.3076



37.4673, 0.3339, 0.4367



37.4673, 0.2096, 0.2490

Complementary

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



37.4673, 0.3995, 0.3076



69.0073, 0.2649, 0.3525

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.



37.4673, 0.2077, 0.2864



37.4673, 0.3995, 0.3076



37.4673, 0.2759, 0.4032

Square

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



37.4673, 0.3995, 0.3076



37.4673, 0.3889, 0.4314



37.4673, 0.2306, 0.3438



37.4673, 0.2354, 0.2351

Rectangle

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



37.4673, 0.3995, 0.3076



37.4673, 0.4311, 0.3840



37.4673, 0.2306, 0.3438



37.4673, 0.2062, 0.2588

Sweetspot

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



37.4691, 0.3995, 0.3076



79.0398, 0.3321, 0.3226



37.9070, 0.2997, 0.2205



16.2357, 0.3360, 0.3215



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.



37.4691, 0.3995, 0.3076



38.8426, 0.4269, 0.3038



46.3307, 0.4064, 0.3627



15.1018, 0.3262, 0.3245



9.9518, 0.6088, 0.3127



0.7946, 0.5717, 0.2923

Inverse Universe

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



37.4691, 0.3995, 0.3076



38.8426, 0.4269, 0.3038



54.6573, 0.2495, 0.2917



15.1018, 0.3262, 0.3245



9.9518, 0.6088, 0.3127



0.7946, 0.5717, 0.2923

Previews

White Background



This preview shows how the Yxy color 37.4673, 0.3995, 0.3076 looks on a white background.

Color Contrast Check

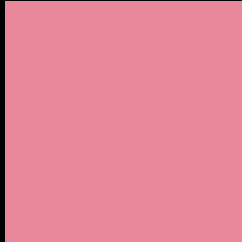
Large Text (above 18pt) WCAG AA × Fail

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 37.4673, 0.3995, 0.3076 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 37.4673, 0.3995, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 37.4673, 0.3995, 0.3076.



This preview shows how white text looks on a background with the Yxy color 37.4673, 0.3995, 0.3076.

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

37.4673, 0.3995, 0.3076

Protanopia

37.5982, 0.3085, 0.3191

Deuteranopia

37.4697, 0.3470, 0.3400



Tritanopia

37.3215, 0.4072, 0.3178

Trichromacy



Original Color

37.4673, 0.3995, 0.3076

Protanomaly

36.9042, 0.3394, 0.3145

Deuteranomaly

37.0967, 0.3656, 0.3279

Tritanomaly

37.4170, 0.4038, 0.3144

Monochromacy



Original Color

37.4673, 0.3995, 0.3076

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4976, 0.3410, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4673, 0.3995, 0.3076 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(234, 136, 155)` looks like.

```
.text, #text, p{  
    color:rgb(234, 136, 155)  
}
```

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(234, 136, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 136, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.4673, 0.3995, 0.3076 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(234, 136, 155) }
```

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

```
.border{ border-color:rgb(234, 136, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 136, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 136, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 136, 155);  
box-shadow:4px 4px 4px 4px rgb(234, 136,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4673, 0.3995, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 136, 155) }
```

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

```
.background{ background-color: rgb(234,  
136, 155) }
```

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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