

Converting Colors

$Yxy(42.0806, 0.3740, 0.3087)$

Have a look what the booklet for
Yxy(42.0806, 0.3740, 0.3087)
contains.

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Color

Yxy(42.1817, 0.3737, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	E698AA
RGB	230, 152, 170
RGB Percent	90%, 60%, 67%
CMY	0.0981, 0.4039, 0.3333
CMYK	0.00, 0.34, 0.26, 0.10
HSL	346°, 61%, 75%
HSV	346°, 34%, 90%
XYZ	51.1132, 42.1817, 43.4811
YIQ	177.3740, 40.7100, 22.1340

Conversions

Conversions Part 2

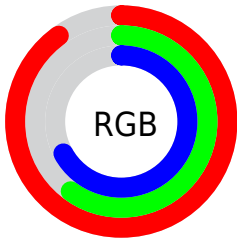
Format	Color
R _Y B	230, 152, 170
Decimal	15112362
CIE Lab	71.00, 31.62, 2.71
CIE LCh	71, 31.734, 4.905
Yxy	42.1817, 0.3737, 0.3084
Android (android.graphics.Color)	4293302442 (0xFFE698AA)
YUV	177.3740, -3.6354, 46.1530
Hunter-Lab	64.9474, 26.8202, 5.7697

Details

The Yxy color **42.1817, 0.3737, 0.3084** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.0135, 0.2742, 0.3510**, and the grayscale version is **44.1780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3219, 0.3363, 0.3109**, and **19.3066, 0.3921, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **34.8022, 0.4012, 0.3024**, and if you desaturate by 10%, it is **51.1027, 0.3511, 0.3147**.

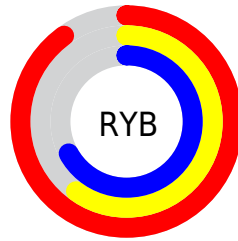
Distribution



Red (90%)

Green (60%)

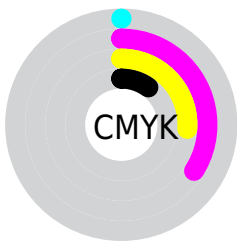
Blue (67%)



Red (90%)

Yellow (60%)

Blue (67%)

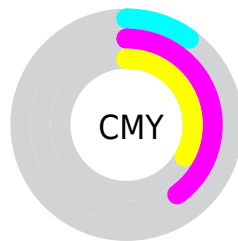


Cyan (0%)

Magenta (34%)

Yellow (26%)

Black (10%)



Cyan (10%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1817, 0.3737, 0.3084 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 42.1817, 0.3737, 0.3084 by changing the saturation by 10% instead.


 42.1817, 0.3737,
0.3084


 42.1817, 0.3737,
0.3084


355.2356, 0.3426,
0.3191

 29.2436, 0.3816,
0.3056


 78.4745, 0.3623,
0.3124

 19.2652, 0.3919,
0.3019


 102.5981, 0.3580,
0.3139

 11.8620, 0.4058,
0.2969


131.2189, 0.3544,
0.3151

 6.6498, 0.4255,
0.2897

164.7213, 0.3514,
0.3161

 3.2441, 0.4554,
0.2785

203.4898, 0.3487,
0.3170

 1.2604, 0.5059,
0.2588

247.9088, 0.3464,

 0.1103, 0.8883,

0.3178

0.1117

298.3626, 0.3444,
0.3185

0.0000, 0.0000,
0.0000

42.1817, 0.3737,
0.3084

42.1817, 0.3737,
0.3084

34.8022, 0.4012,
0.3024

51.1027, 0.3511,
0.3147

28.8705, 0.4337,
0.2972

61.6397, 0.3327,
0.3209

24.2924, 0.4709,
0.2939

73.8697, 0.3177,
0.3268

20.9595, 0.5109,
0.2933

87.8629, 0.3057,
0.3323

18.7470, 0.5504,
0.2965

95.5601, 0.2976,
0.3290

■ 17.5034, 0.5848,
0.3037

■ 17.0778, 0.6020,
0.3090

Harmonies

Analogous

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



42.1817, 0.3299, 0.2781



42.1817, 0.3737, 0.3084



42.1817, 0.4006, 0.3446

Triad

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



42.1817, 0.3737, 0.3084



42.1817, 0.3365, 0.4109



42.1817, 0.2306, 0.2707

Complementary

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



42.1817, 0.3737, 0.3084



68.0135, 0.2742, 0.3510

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.



42.1817, 0.2321, 0.3030



42.1817, 0.3737, 0.3084



42.1817, 0.2912, 0.3892

Square

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



42.1817, 0.3737, 0.3084



42.1817, 0.3772, 0.4056



42.1817, 0.2535, 0.3474



42.1817, 0.2488, 0.2561

Rectangle

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



42.1817, 0.3737, 0.3084



42.1817, 0.4042, 0.3688



42.1817, 0.2535, 0.3474



42.1817, 0.2288, 0.2796

Sweetspot

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



42.1837, 0.3737, 0.3084



83.5961, 0.3265, 0.3232



42.1391, 0.3007, 0.2409



17.4377, 0.3287, 0.3224



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.



42.1837, 0.3737, 0.3084



46.2951, 0.3933, 0.3039



48.9002, 0.3843, 0.3532



14.4222, 0.3256, 0.3236



9.6857, 0.5983, 0.3070



0.7298, 0.5574, 0.2844

Inverse Universe

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



42.1837, 0.3737, 0.3084



46.2951, 0.3933, 0.3039



58.0835, 0.2614, 0.3032



14.4222, 0.3256, 0.3236



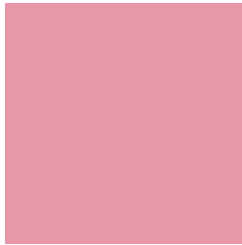
9.6857, 0.5983, 0.3070



0.7298, 0.5574, 0.2844

Previews

White Background



This preview shows how the Yxy color 42.1817, 0.3737, 0.3084 looks on a white background.

Color Contrast Check

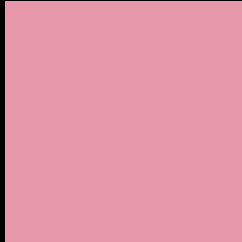
Large Text (above 18pt) WCAG AA × Fail

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 42.1817, 0.3737, 0.3084 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 42.1817, 0.3737, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 42.1817, 0.3737, 0.3084.



This preview shows how white text looks on a background with the Yxy color 42.1817, 0.3737, 0.3084.

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

42.1817, 0.3737, 0.3084

Protanopia

42.3785, 0.3071, 0.3169

Deuteranopia

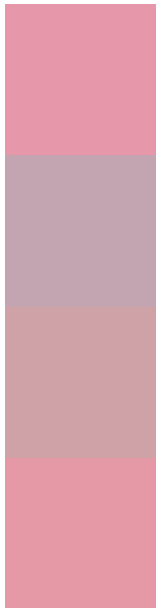
42.2646, 0.3379, 0.3304



Tritanopia

42.1571, 0.3776, 0.3152

Trichromacy



Original Color

42.1817, 0.3737, 0.3084

Protanomaly

41.7267, 0.3294, 0.3124

Deuteranomaly

41.9332, 0.3507, 0.3216

Tritanomaly

42.2305, 0.3755, 0.3129

Monochromacy



Original Color

42.1817, 0.3737, 0.3084

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.7970, 0.3335, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1817, 0.3737, 0.3084 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(230, 152, 170)` looks like.

```
.text, #text, p{  
    color:rgb(230, 152, 170)  
}
```

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(230, 152, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 152, 170) }
```

Border

The CSS property to change the border of an element to Yxy 42.1817, 0.3737, 0.3084 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(230, 152, 170) }
```

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

```
.border{ border-color:rgb(230, 152, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 152, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(230, 152,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1817, 0.3737, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 152, 170) }
```

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

```
.background{ background-color: rgb(230,  
152, 170) }
```

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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