

Converting Colors

Yxy(52.6711, 0.3712, 0.3303)

Have a look what the booklet for
Yxy(52.6711, 0.3712, 0.3303)
contains.

Yxy(52.6711, 0.3712, 0.3303)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6711, 0.3712, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	F0B0AF
RGB	240, 176, 175
RGB Percent	94%, 69%, 69%
CMY	0.0589, 0.3097, 0.3138
CMYK	0.00, 0.27, 0.27, 0.06
HSL	1°, 68%, 81%
HSV	1°, 27%, 94%
XYZ	59.1932, 52.6711, 47.6001
YIQ	195.0220, 38.4650, 13.2570

Conversions

Conversions Part 2

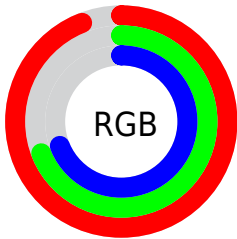
Format	Color
RYB	240, 176, 175
Decimal	15773871
CIELab	77.68, 23.19, 9.73
CIELCh	78, 25.149, 22.754
Yxy	52.6711, 0.3712, 0.3303
Android (android.graphics.Color)	4293963951 (0xFFFF0B0AF)
YUV	195.0220, -9.8708, 39.4457
Hunter-Lab	72.5749, 18.5814, 11.9155

Details

The Yxy color **52.6711, 0.3712, 0.3303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1134, 0.2731, 0.3277**, and the grayscale version is **54.6306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6864, 0.3298, 0.3310**, and **25.6633, 0.3872, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **43.3409, 0.4031, 0.3308**, and if you desaturate by 10%, it is **63.7854, 0.3454, 0.3298**.

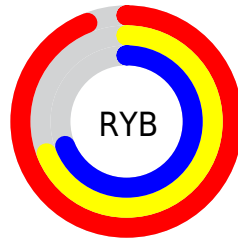
Distribution



Red (94%)

Green (69%)

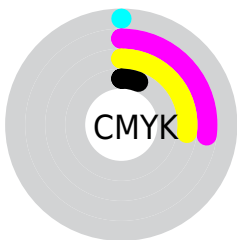
Blue (69%)



Red (94%)

Yellow (69%)

Blue (69%)

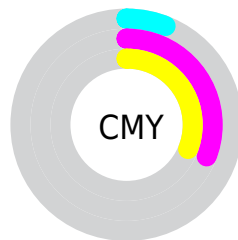


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (6%)



Cyan (6%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6711, 0.3712, 0.3303 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 52.6711, 0.3712, 0.3303 by changing the saturation by 10% instead.


 52.6711, 0.3712,
0.3303

 52.6711, 0.3712,
0.3303


397.0220, 0.3423,
0.3302

 37.5403, 0.3783,
0.3301


 94.1202, 0.3608,
0.3304

 25.6261, 0.3873,
0.3299


121.2073, 0.3568,
0.3304

 16.5441, 0.3992,
0.3293

153.0486, 0.3535,
0.3304

 9.9100, 0.4156,
0.3283

190.0285, 0.3506,
0.3304

 5.3393, 0.4393,
0.3262

232.5314, 0.3481,
0.3303

 2.4477, 0.4766,
0.3215

280.9417, 0.3459,

 0.8503, 0.5769,

0.3303

0.3282

335.6437, 0.3440,
0.3303

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6711, 0.3712,
0.3303

52.6711, 0.3712,
0.3303

43.3409, 0.4031,
0.3308

63.7854, 0.3454,
0.3298

35.6951, 0.4416,
0.3313

76.7621, 0.3248,
0.3293

29.6355, 0.4863,
0.3317

91.6837, 0.3083,
0.3289

25.0507, 0.5342,
0.3319

97.2621, 0.3035,
0.3290

■ 21.8150, 0.5798,
0.3317

■ 19.7817, 0.6155,
0.3313

■ 18.7693, 0.6356,
0.3306

■ 18.6040, 0.6392,
0.3306

Harmonies

Analogous

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



52.6711, 0.3456, 0.3038



52.6711, 0.3712, 0.3303



52.6711, 0.3801, 0.3579

Triad

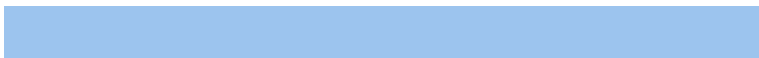
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.6711, 0.3712, 0.3303



52.6711, 0.3108, 0.3809



52.6711, 0.2576, 0.2775

Complementary

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



52.6711, 0.3712, 0.3303



77.1134, 0.2731, 0.3277

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.



52.6711, 0.2496, 0.2947



52.6711, 0.3712, 0.3303



52.6711, 0.2793, 0.3558

Square

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



52.6711, 0.3712, 0.3303



52.6711, 0.3441, 0.3895



52.6711, 0.2573, 0.3233



52.6711, 0.2797, 0.2740

Rectangle

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



52.6711, 0.3712, 0.3303



52.6711, 0.3752, 0.3737



52.6711, 0.2573, 0.3233



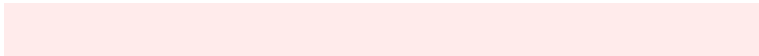
52.6711, 0.2532, 0.2818

Sweetspot

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



52.6736, 0.3712, 0.3303



86.6063, 0.3265, 0.3294



55.4698, 0.3159, 0.2616



18.0327, 0.3294, 0.3294



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.



52.6736, 0.3712, 0.3303



54.8292, 0.3864, 0.3306



66.4794, 0.3622, 0.3643



15.7986, 0.3293, 0.3294



10.2037, 0.6389, 0.3309



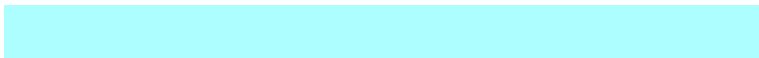
0.8628, 0.6359, 0.3333

Inverse Universe

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



77.1134, 0.2731, 0.3277



86.8543, 0.2667, 0.3275



60.2658, 0.2695, 0.2908



17.8838, 0.2981, 0.3286



36.3756, 0.2233, 0.3240



3.0397, 0.2235, 0.3246

Previews

White Background



This preview shows how the Yxy color 52.6711, 0.3712, 0.3303 looks on a white background.

Color Contrast Check

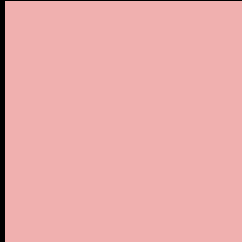
Large Text (above 18pt) WCAG AA × Fail

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 52.6711, 0.3712, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

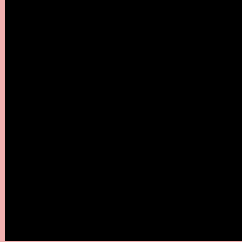
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6711, 0.3712, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 52.6711, 0.3712, 0.3303.



This preview shows how white text looks on a background with the Yxy color 52.6711, 0.3712, 0.3303.

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

52.6711, 0.3712, 0.3303

Protanopia

53.1239, 0.3245, 0.3401

Deuteranopia

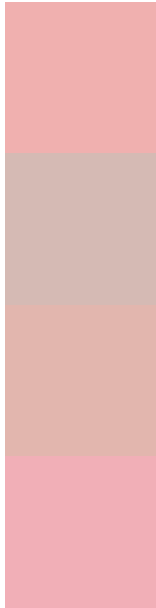
52.6205, 0.3510, 0.3433



Tritanopia

52.5607, 0.3617, 0.3149

Trichromacy



Original Color

52.6711, 0.3712, 0.3303

Protanomaly

52.5592, 0.3406, 0.3362

Deuteranomaly

52.6806, 0.3580, 0.3384

Tritanomaly

52.7796, 0.3651, 0.3204

Monochromacy



Original Color

52.6711, 0.3712, 0.3303

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.4462, 0.3320, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6711, 0.3712, 0.3303 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, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(240, 176, 175)  
}
```

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, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 176, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.6711, 0.3712, 0.3303 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, 176, 175) }
```

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

```
.border{ border-color:rgb(240, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(240, 176,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6711, 0.3712, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 176, 175) }
```

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

```
.background{ background-color: rgb(240,  
176, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor