

Converting Colors

Yxy(52.6486, 0.3816, 0.3403)

Have a look what the booklet for
Yxy(52.6486, 0.3816, 0.3403)
contains.

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Color

Yxy(52.6811, 0.3812, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	F2B0A6
RGB	242, 176, 166
RGB Percent	95%, 69%, 65%
CMY	0.0509, 0.3098, 0.3489
CMYK	0.00, 0.27, 0.31, 0.05
HSL	8°, 75%, 80%
HSV	8°, 31%, 95%
XYZ	59.0301, 52.6811, 43.1421
YIQ	194.5940, 42.5460, 10.8820

Conversions

Conversions Part 2

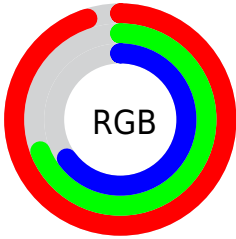
Format	Color
R _Y B	242, 178, 166
Decimal	15904934
CIE Lab	77.69, 22.77, 14.63
CIE LCh	78, 27.069, 32.720
Yxy	52.6811, 0.3812, 0.3402
Android (android.graphics.Color)	4294095014 (0xFFFF2B0A6)
YUV	194.5940, -14.0968, 41.5751
Hunter-Lab	72.5817, 18.1544, 15.5656

Details

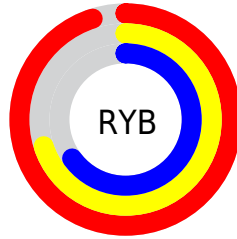
The Yxy color **52.6811, 0.3812, 0.3402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2502, 0.2663, 0.3174**, and the grayscale version is **54.3879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1937, 0.3358, 0.3400**, and **25.5712, 0.3999, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **44.2618, 0.4133, 0.3438**, and if you desaturate by 10%, it is **62.5491, 0.3545, 0.3365**.

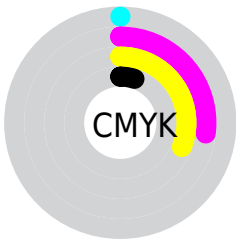
Distribution



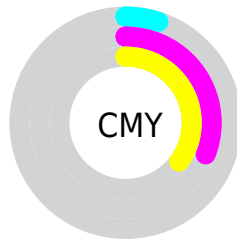
- Red (95%)
- Green (69%)
- Blue (65%)



- Red (95%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6811, 0.3812, 0.3402 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 52.6811, 0.3812, 0.3402 by changing the saturation by 10% instead.

 52.6811, 0.3812,
0.3402

 52.6811, 0.3812,
0.3402

397.0604, 0.3473,
0.3356

 37.5483, 0.3895,
0.3410


 94.1349, 0.3690,
0.3388

 25.6323, 0.4001,
0.3420

 121.2247, 0.3644,
0.3381

 16.5487, 0.4140,
0.3429


153.0690, 0.3605,
0.3376

 9.9133, 0.4329,
0.3437

190.0520, 0.3571,
0.3371

 5.3415, 0.4603,
0.3438

232.5583, 0.3542,
0.3367

 2.4490, 0.5027,
0.3416

280.9722, 0.3516,

 0.8509, 0.6350,

0.3363

0.3650

335.6781, 0.3493,
0.3359

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6811, 0.3812,
0.3402

52.6811, 0.3812,
0.3402

44.2618, 0.4133,
0.3438

62.5491, 0.3545,
0.3365

37.2158, 0.4511,
0.3470

73.9217, 0.3327,
0.3328

31.4720, 0.4937,
0.3490

86.8610, 0.3149,
0.3295

26.9502, 0.5382,
0.3493

97.6191, 0.3048,
0.3290

■ 23.5609, 0.5797,
0.3472

■ 21.2023, 0.6122,
0.3426

■ 19.9006, 0.6302,
0.3378

Harmonies

Analogous

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



52.6811, 0.3588, 0.3108



52.6811, 0.3812, 0.3402



52.6811, 0.3838, 0.3687

Triad

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



52.6811, 0.3812, 0.3402



52.6811, 0.2986, 0.3778



52.6811, 0.2599, 0.2709

Complementary

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



52.6811, 0.3812, 0.3402



72.2502, 0.2663, 0.3174

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.



52.6811, 0.2461, 0.2843



52.6811, 0.3812, 0.3402



52.6811, 0.2674, 0.3464

Square

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



52.6811, 0.3812, 0.3402



52.6811, 0.3348, 0.3935



52.6811, 0.2487, 0.3114



52.6811, 0.2878, 0.2721

Rectangle

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



52.6811, 0.3812, 0.3402



52.6811, 0.3741, 0.3837



52.6811, 0.2487, 0.3114



52.6811, 0.2536, 0.2737

Sweetspot

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



52.6836, 0.3812, 0.3402



86.5425, 0.3282, 0.3320



52.0499, 0.3236, 0.2591



18.0874, 0.3309, 0.3325



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.



52.6836, 0.3812, 0.3402



52.7926, 0.4021, 0.3427



69.1612, 0.3690, 0.3793



16.0934, 0.3290, 0.3322



10.7990, 0.6284, 0.3393



1.0036, 0.6080, 0.3555

Inverse Universe

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



72.2502, 0.2663, 0.3174



78.1660, 0.2576, 0.3146



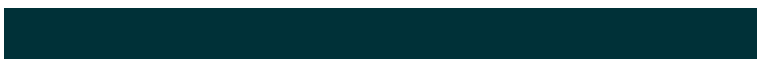
53.6175, 0.2610, 0.2727



17.5540, 0.2981, 0.3258



28.4075, 0.2130, 0.2869



2.4607, 0.2147, 0.2930

Previews

White Background



This preview shows how the Yxy color 52.6811, 0.3812, 0.3402 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 52.6811, 0.3812, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

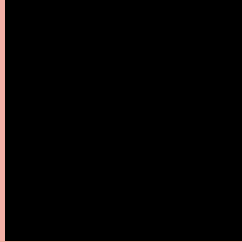
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6811, 0.3812, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 52.6811, 0.3812, 0.3402.



This preview shows how white text looks on a background with the Yxy color 52.6811, 0.3812, 0.3402.

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

52.6811, 0.3812, 0.3402

Protanopia

53.0346, 0.3332, 0.3513

Deuteranopia

52.7504, 0.3613, 0.3538



Tritanopia

52.6654, 0.3656, 0.3150

Trichromacy



Original Color

52.6811, 0.3812, 0.3402

Protanomaly

52.5052, 0.3498, 0.3470

Deuteranomaly

52.8305, 0.3685, 0.3487

Tritanomaly

52.5815, 0.3708, 0.3237

Monochromacy



Original Color

52.6811, 0.3812, 0.3402

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.4242, 0.3361, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6811, 0.3812, 0.3402 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(242, 176, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 166)  
}
```

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(242, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.6811, 0.3812, 0.3402 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(242, 176, 166) }
```

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

```
.border{ border-color:rgb(242, 176, 166) }
```

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

Here you see how a box with a 4 pixel rgb(242, 176, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6811, 0.3812, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 166) }
```

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

```
.background{ background-color: rgb(242,  
176, 166) }
```

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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