

Converting Colors

Yxy(52.6915, 0.4304, 0.3998)

Have a look what the booklet for
Yxy(52.6915, 0.4304, 0.3998)
contains.

Yxy(52.8225, 0.4294, 0.4000)	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(52.8225, 0.4294, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	F5B370
RGB	245, 179, 112
RGB Percent	96%, 70%, 44%
CMY	0.0391, 0.2980, 0.5609
CMYK	0.00, 0.27, 0.54, 0.04
HSL	30°, 87%, 70%
HSV	30°, 54%, 96%
XYZ	56.7050, 52.8225, 22.5288
YIQ	191.0960, 60.8430, -6.8450

Conversions

Conversions Part 2

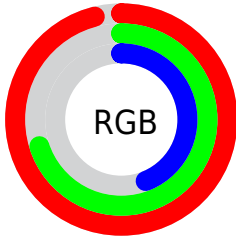
Format	Color
R_{YB}	243, 245, 112
Decimal	16102256
CIE _{Lab}	77.77, 16.74, 43.38
CIE _{LCh}	78, 46.497, 68.903
Yxy	52.8225, 0.4294, 0.4000
Android (android.graphics.Color)	4294292336 (0xFFFF5B370)
YUV	191.0960, -38.9943, 47.2738
Hunter-Lab	72.6791, 12.0791, 32.4969

Details

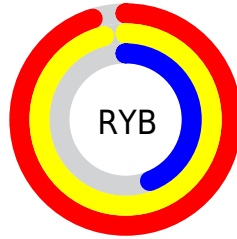
The Yxy color **52.8225, 0.4294, 0.4000** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.8765, 0.2254, 0.2415**, and the grayscale version is **52.3638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3933, 0.3724, 0.3995**, and **25.7086, 0.4587, 0.4126** is the 20% darker color. If you saturate the color by 10%, you get **47.6908, 0.4570, 0.4097**, and if you desaturate by 10%, it is **58.5376, 0.4029, 0.3879**.

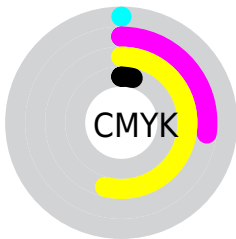
Distribution



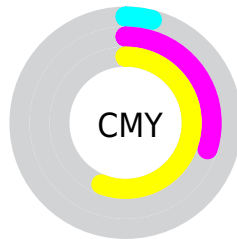
- Red (96%)
- Green (70%)
- Blue (44%)



- Red (95%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8225, 0.4294, 0.4000 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 52.8225, 0.4294, 0.4000 by changing the saturation by 10% instead.


 52.8225, 0.4294,
0.4000


 52.8225, 0.4294,
0.4000


397.6038, 0.3732,
0.3687

 37.6611, 0.4423,
0.4062


 94.3431, 0.4097,
0.3898

 25.7198, 0.4581,
0.4132


 121.4711, 0.4021,
0.3856

 16.6141, 0.4775,
0.4208


 153.3568, 0.3955,
0.3819

 9.9597, 0.5016,
0.4282

 190.3845, 0.3899,
0.3787

 5.3723, 0.5368,
0.4376

232.9387, 0.3849,
0.3758

 2.4673, 0.5685,
0.4315

281.4037, 0.3805,

 0.8602, 0.5995,

0.3732

0.4005

336.1639, 0.3766,
0.3708

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8225, 0.4294,
0.4000

52.8225, 0.4294,
0.4000

47.6908, 0.4570,
0.4097

58.5376, 0.4029,
0.3879

43.1114, 0.4843,
0.4157

64.8500, 0.3784,
0.3745

39.0609, 0.5097,
0.4167

71.7824, 0.3563,
0.3608

35.5099, 0.5314,
0.4122

79.3539, 0.3367,
0.3473

■ 33.6894, 0.5422,
0.4077

■ 87.5826, 0.3194,
0.3343

■ 96.2262, 0.3067,
0.3260

■ 98.1560, 0.3066,
0.3290

Harmonies

Analogous

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



52.8225, 0.4346, 0.3536



52.8225, 0.4294, 0.4000



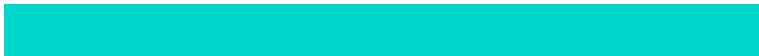
52.8225, 0.3916, 0.4348

Triad

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



52.8225, 0.4294, 0.4000



52.8225, 0.2280, 0.3445



52.8225, 0.2812, 0.2400

Complementary

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



52.8225, 0.4294, 0.4000



41.8765, 0.2254, 0.2415

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.



52.8225, 0.2326, 0.2321



52.8225, 0.4294, 0.4000



52.8225, 0.2044, 0.2850

Square

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



52.8225, 0.4294, 0.4000



52.8225, 0.2748, 0.4064



52.8225, 0.2063, 0.2464



52.8225, 0.3438, 0.2664

Rectangle

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



52.8225, 0.4294, 0.4000



52.8225, 0.3548, 0.4431



52.8225, 0.2063, 0.2464



52.8225, 0.2628, 0.2351

Sweetspot

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



52.8251, 0.4294, 0.4000



85.4009, 0.3399, 0.3496



34.2335, 0.3903, 0.2593



17.9063, 0.3438, 0.3523



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.



52.8251, 0.4294, 0.4000



51.7765, 0.4593, 0.4104



85.9020, 0.3913, 0.4589



17.8622, 0.3281, 0.3409



18.4235, 0.5397, 0.4097



1.8249, 0.5206, 0.4249

Inverse Universe

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



41.8765, 0.2254, 0.2415



38.6717, 0.2098, 0.2202



21.6201, 0.2074, 0.1548



17.2851, 0.2980, 0.3168



11.2708, 0.1768, 0.1564



1.1960, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 52.8225, 0.4294, 0.4000 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 52.8225, 0.4294, 0.4000 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 52.8225, 0.4294, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 52.8225, 0.4294, 0.4000.



This preview shows how white text looks on a background with the Yxy color 52.8225, 0.4294, 0.4000.

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

52.8225, 0.4294, 0.4000

Protanopia

53.1259, 0.3863, 0.4200

Deuteranopia

52.9211, 0.4173, 0.4094



Tritanopia

52.6776, 0.3754, 0.3153

Trichromacy



Original Color

52.8225, 0.4294, 0.4000

Protanomaly

52.8922, 0.4021, 0.4128

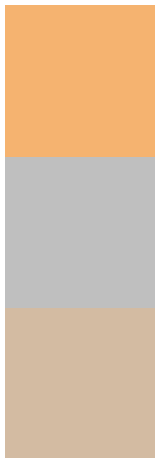
Deuteranomaly

52.7807, 0.4221, 0.4061

Tritanomaly

52.4612, 0.3969, 0.3465

Monochromacy



Original Color

52.8225, 0.4294, 0.4000

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9982, 0.3536, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8225, 0.4294, 0.4000 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(245, 179, 112)` looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 112)  
}
```

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(245, 179, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 112) }
```

Border

The CSS property to change the border of an element to Yxy 52.8225, 0.4294, 0.4000 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(245, 179, 112) }
```

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

```
.border{ border-color:rgb(245, 179, 112) }
```

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

Here you see how a box with a 4 pixel rgb(245, 179, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 112);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8225, 0.4294, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 112) }
```

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

```
.background{ background-color: rgb(245,  
179, 112) }
```

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