

Converting Colors

$Y_{xy}(55.9922, 0.4046, 0.3629)$

Have a look what the booklet for
Yxy(55.9922, 0.4046, 0.3629)
contains.

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Color

Yxy(56.1003, 0.4042, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	FDB595
RGB	253, 181, 149
RGB Percent	99%, 71%, 58%
CMY	0.0077, 0.2902, 0.4156
CMYK	0.00, 0.28, 0.41, 0.01
HSL	18°, 96%, 79%
HSV	18°, 41%, 99%
XYZ	62.4676, 56.1003, 35.9784
YIQ	198.8800, 53.1840, 5.3120

Conversions

Conversions Part 2

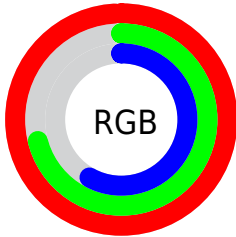
Format	Color
R _Y B	253, 195, 149
Decimal	16627093
CIE Lab	79.67, 22.34, 26.68
CIE LCh	80, 34.802, 50.055
Yxy	56.1003, 0.4042, 0.3630
Android (android.graphics.Color)	4294817173 (0xFFFDB595)
YUV	198.8800, -24.5908, 47.4632
Hunter-Lab	74.9001, 17.7959, 23.9501

Details

The Yxy color **56.1003, 0.4042, 0.3630** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2350, 0.2502, 0.2914**, and the grayscale version is **57.1680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1402, 0.3469, 0.3631**, and **27.7895, 0.4279, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **48.6960, 0.4363, 0.3707**, and if you desaturate by 10%, it is **64.5823, 0.3761, 0.3545**.

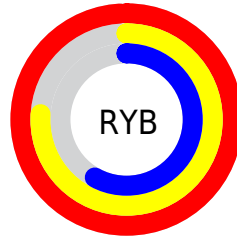
Distribution



Red (99%)

Green (71%)

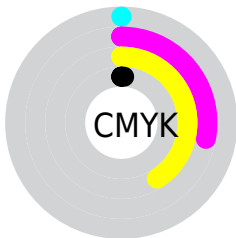
Blue (58%)



Red (99%)

Yellow (76%)

Blue (58%)

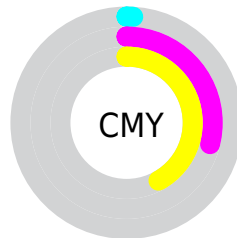


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1003, 0.4042, 0.3630 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 56.1003, 0.4042, 0.3630 by changing the saturation by 10% instead.


 56.1003, 0.4042,
0.3630


 56.1003, 0.4042,
0.3630

410.0694, 0.3596,
0.3483

 40.2833, 0.4149,
0.3659

 99.1512, 0.3883,
0.3582

 27.7595, 0.4282,
0.3693


 127.1540, 0.3822,
0.3562

 18.1445, 0.4454,
0.3731

159.9874, 0.3771,
0.3545

 11.0538, 0.4682,
0.3772

198.0360, 0.3726,
0.3530

 6.1030, 0.4995,
0.3807

241.6841, 0.3687,
0.3516

 2.9078, 0.5488,
0.3843

291.3161, 0.3653,

 1.0838, 0.6227,

0.3504

0.3773

347.3164, 0.3623,
0.3493

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1003, 0.4042,
0.3630

56.1003, 0.4042,
0.3630

48.6960, 0.4363,
0.3707

64.5823, 0.3761,
0.3545

42.3166, 0.4718,
0.3766

74.1756, 0.3520,
0.3460

36.9167, 0.5090,
0.3796

84.9227, 0.3316,
0.3377

32.4439, 0.5449,
0.3784

96.8609, 0.3144,
0.3298

■ 28.8401, 0.5760,
0.3723

99.6293, 0.3115,
0.3290

■ 26.3048, 0.5976,
0.3637

Harmonies

Analogous

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



56.1003, 0.3900, 0.3264



56.1003, 0.4042, 0.3630



56.1003, 0.3917, 0.3946

Triad

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



56.1003, 0.4042, 0.3630



56.1003, 0.2707, 0.3695



56.1003, 0.2649, 0.2559

Complementary

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



56.1003, 0.4042, 0.3630



65.2350, 0.2502, 0.2914

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.



56.1003, 0.2376, 0.2612



56.1003, 0.4042, 0.3630



56.1003, 0.2405, 0.3242

Square

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



56.1003, 0.4042, 0.3630



56.1003, 0.3134, 0.4030



56.1003, 0.2290, 0.2848



56.1003, 0.3066, 0.2673

Rectangle

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



56.1003, 0.4042, 0.3630



56.1003, 0.3710, 0.4081



56.1003, 0.2290, 0.2848



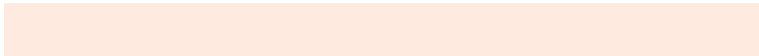
56.1003, 0.2539, 0.2557

Sweetspot

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



56.1030, 0.4042, 0.3630



85.3978, 0.3333, 0.3384



47.6560, 0.3448, 0.2550



17.9612, 0.3358, 0.3395



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.



56.1030, 0.4042, 0.3630



51.0451, 0.4293, 0.3692



80.9043, 0.3822, 0.4130



18.8974, 0.3287, 0.3364



14.2139, 0.5948, 0.3659



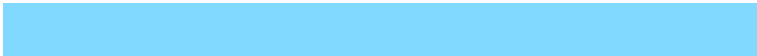
1.5677, 0.5727, 0.3835

Inverse Universe

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



65.2350, 0.2502, 0.2914



61.3890, 0.2394, 0.2828



42.1695, 0.2399, 0.2275



19.4839, 0.2980, 0.3215



20.4037, 0.1959, 0.2252



2.1805, 0.1996, 0.2385

Previews

White Background



This preview shows how the Yxy color 56.1003, 0.4042, 0.3630 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 56.1003, 0.4042, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

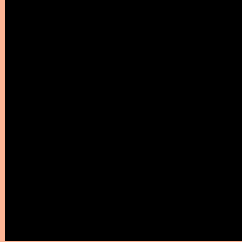
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1003, 0.4042, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 56.1003, 0.4042, 0.3630.



This preview shows how white text looks on a background with the Yxy color 56.1003, 0.4042, 0.3630.

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

56.1003, 0.4042, 0.3630

Protanopia

56.0685, 0.3541, 0.3772

Deuteranopia

56.2571, 0.3845, 0.3776



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

56.1003, 0.4042, 0.3630



Protanomaly

55.7634, 0.3722, 0.3718



Deuteranomaly

56.2040, 0.3910, 0.3722



Tritanomaly

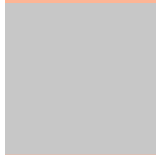
55.9676, 0.3839, 0.3334

Monochromacy



Original Color

56.1003, 0.4042, 0.3630



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

56.0955, 0.3438, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1003, 0.4042, 0.3630 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(253, 181, 149)` looks like.

```
.text, #text, p{  
    color:rgb(253, 181, 149)  
}
```

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(253, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 149) }
```

Border

The CSS property to change the border of an element to Yxy 56.1003, 0.4042, 0.3630 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(253, 181, 149) }
```

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

```
.border{ border-color:rgb(253, 181, 149) }
```

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

Here you see how a box with a 4 pixel rgb(253, 181, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1003, 0.4042, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 149) }
```

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

```
.background{ background-color: rgb(253,  
181, 149) }
```

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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