

Converting Colors

$Y_{xy}(56.0856, 0.4203, 0.3911)$

Have a look what the booklet for
Yxy(56.0856, 0.4203, 0.3911)
contains.

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Color

Yxy(56.0856, 0.4203, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	FAB87D
RGB	250, 184, 125
RGB Percent	98%, 72%, 49%
CMY	0.0195, 0.2785, 0.5099
CMYK	0.00, 0.26, 0.50, 0.02
HSL	28°, 93%, 74%
HSV	28°, 50%, 98%
XYZ	60.2730, 56.0856, 27.0461
YIQ	197.0080, 58.2750, -4.3570

Conversions

Conversions Part 2

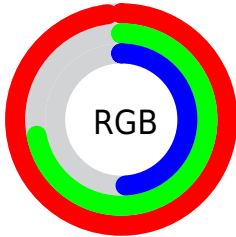
Format	Color
R _Y B	250, 237, 125
Decimal	16431229
CIE Lab	79.66, 17.23, 39.21
CIE LCh	80, 42.831, 66.281
Yxy	56.0856, 0.4203, 0.3911
Android (android.graphics.Color)	4294621309 (0xFFFA87D)
YUV	197.0080, -35.4999, 46.4740
Hunter-Lab	74.8903, 12.6018, 31.0110

Details

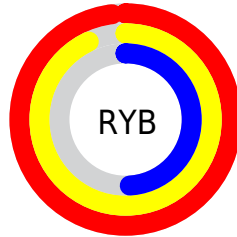
The Yxy color **56.0856, 0.4203, 0.3911** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.5329, 0.2330, 0.2549**, and the grayscale version is **56.0336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7945, 0.3625, 0.3912**, and **27.8170, 0.4469, 0.4026** is the 20% darker color. If you saturate the color by 10%, you get **50.2959, 0.4488, 0.4012**, and if you desaturate by 10%, it is **62.5535, 0.3936, 0.3791**.

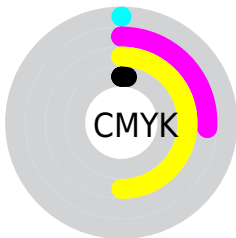
Distribution



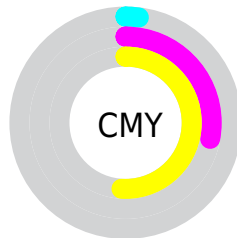
- Red (98%)
- Green (72%)
- Blue (49%)



- Red (98%)
- Yellow (93%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (2%)




- Cyan (2%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0856, 0.4203, 0.3911 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 56.0856, 0.4203, 0.3911 by changing the saturation by 10% instead.

 56.0856, 0.4203,
0.3911


 56.0856, 0.4203,
0.3911


410.0140, 0.3686,
0.3638

 40.2716, 0.4323,
0.3966


 99.1297, 0.4022,
0.3821

 27.7503, 0.4469,
0.4029


 127.1286, 0.3951,
0.3785

 18.1375, 0.4653,
0.4100


 159.9579, 0.3891,
0.3753

 11.0488, 0.4885,
0.4174

198.0019, 0.3839,
0.3724

 6.0997, 0.5182,
0.4239

241.6452, 0.3794,
0.3699

 2.9058, 0.5666,
0.4334

291.2720, 0.3753,

 1.0827, 0.5947,

0.3676

0.4053

347.2668, 0.3718,
0.3656

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0856, 0.4203,
0.3911

56.0856, 0.4203,
0.3911

50.2959, 0.4488,
0.4012

62.5535, 0.3936,
0.3791

45.1501, 0.4780,
0.4083

69.7160, 0.3694,
0.3663

40.6222, 0.5061,
0.4108

77.5987, 0.3479,
0.3534

36.6803, 0.5311,
0.4080

86.2234, 0.3291,
0.3409

■ 33.2837, 0.5518,
0.4000

■ 95.6107, 0.3127,
0.3290

■ 99.0690, 0.3096,
0.3290

Harmonies

Analogous

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



56.0856, 0.4216, 0.3485



56.0856, 0.4203, 0.3911



56.0856, 0.3887, 0.4232

Triad

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



56.0856, 0.4203, 0.3911



56.0856, 0.2388, 0.3485



56.0856, 0.2798, 0.2462

Complementary

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



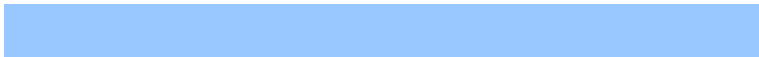
56.0856, 0.4203, 0.3911



48.5329, 0.2330, 0.2549

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.



56.0856, 0.2368, 0.2409



56.0856, 0.4203, 0.3911



56.0856, 0.2149, 0.2939

Square

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



56.0856, 0.4203, 0.3911



56.0856, 0.2833, 0.4022



56.0856, 0.2144, 0.2563



56.0856, 0.3360, 0.2692

Rectangle

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



56.0856, 0.4203, 0.3911



56.0856, 0.3562, 0.4316



56.0856, 0.2144, 0.2563



56.0856, 0.2635, 0.2422

Sweetspot

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



56.0883, 0.4203, 0.3911



85.5593, 0.3382, 0.3470



38.7845, 0.3769, 0.2599



17.9096, 0.3422, 0.3497



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.



56.0883, 0.4203, 0.3911



52.5697, 0.4490, 0.4013



87.6351, 0.3880, 0.4471



18.5760, 0.3282, 0.3402



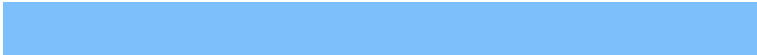
17.9335, 0.5492, 0.4022



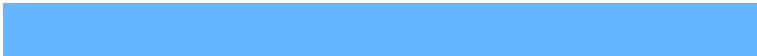
1.8714, 0.5297, 0.4176

Inverse Universe

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



48.5329, 0.2330, 0.2549



43.8282, 0.2183, 0.2367



27.0044, 0.2174, 0.1748



18.1604, 0.2980, 0.3175



12.7085, 0.1797, 0.1670



1.3894, 0.1855, 0.1877

Previews

White Background



This preview shows how the Yxy color 56.0856, 0.4203, 0.3911 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 56.0856, 0.4203, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

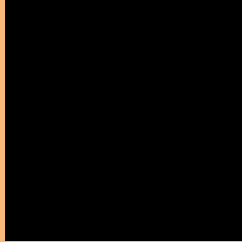
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0856, 0.4203, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 56.0856, 0.4203, 0.3911.



This preview shows how white text looks on a background with the Yxy color 56.0856, 0.4203, 0.3911.

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

56.0856, 0.4203, 0.3911

Protanopia

56.4469, 0.3787, 0.4092

Deuteranopia

56.2012, 0.4087, 0.3999



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

56.0856, 0.4203, 0.3911

Protanomaly

56.1924, 0.3939, 0.4027

Deuteranomaly

56.0506, 0.4133, 0.3969

Tritanomaly

55.8760, 0.3899, 0.3430

Monochromacy



Original Color

56.0856, 0.4203, 0.3911

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2385, 0.3493, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0856, 0.4203, 0.3911 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(250, 184, 125)` looks like.

```
.text, #text, p{  
    color:rgb(250, 184, 125)  
}
```

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(250, 184, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 184, 125) }
```

Border

The CSS property to change the border of an element to Yxy 56.0856, 0.4203, 0.3911 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(250, 184, 125) }
```

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

```
.border{ border-color:rgb(250, 184, 125) }
```

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

Here you see how a box with a 4 pixel rgb(250, 184, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 184, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 184, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 184,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0856, 0.4203, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 184, 125) }
```

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

```
.background{ background-color: rgb(250,  
184, 125) }
```

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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