

Converting Colors

$Yxy(56.7188, 0.4149, 0.4032)$

Have a look what the booklet for
Yxy(56.7188, 0.4149, 0.4032)
contains.

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Color

Yxy(56.6285, 0.4144, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	F2BD78
RGB	242, 189, 120
RGB Percent	95%, 74%, 47%
CMY	0.0508, 0.2589, 0.5293
CMYK	0.00, 0.22, 0.50, 0.05
HSL	34°, 82%, 71%
HSV	34°, 50%, 95%
XYZ	58.2160, 56.6285, 25.6381
YIQ	196.9810, 53.7370, -10.2230

Conversions

Conversions Part 2

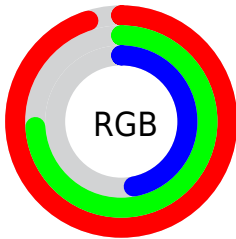
Format	Color
RYB	214, 242, 120
Decimal	15908216
CIELab	79.97, 10.96, 41.96
CIELCh	80, 43.372, 75.364
Yxy	56.6285, 0.4144, 0.4031
Android (android.graphics.Color)	4294098296 (0xFFFF2BD78)
YUV	196.9810, -37.9516, 39.4817
Hunter-Lab	75.2519, 6.3993, 32.4764

Details

The Yxy color **56.6285, 0.4144, 0.4031** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.3212, 0.2294, 0.2388**, and the grayscale version is **56.0359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5819, 0.3643, 0.4007**, and **28.1178, 0.4379, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **51.7520, 0.4393, 0.4153**, and if you desaturate by 10%, it is **61.9874, 0.3904, 0.3889**.

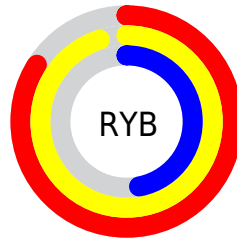
Distribution



Red (95%)

Green (74%)

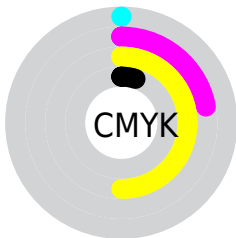
Blue (47%)



Red (84%)

Yellow (95%)

Blue (47%)

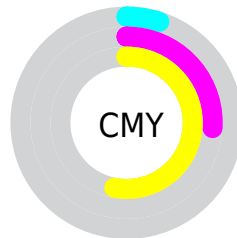


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (5%)



Cyan (5%)


Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6285, 0.4144, 0.4031 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 56.6285, 0.4144, 0.4031 by changing the saturation by 10% instead.


 56.6285, 0.4144,
0.4031

 56.6285, 0.4144,
0.4031


412.0558, 0.3660,
0.3697

 40.7071, 0.4254,
0.4101


 99.9229, 0.3976,
0.3919

 28.0903, 0.4388,
0.4182


 128.0647, 0.3910,
0.3875

 18.3937, 0.4553,
0.4277


 161.0487, 0.3854,
0.3835

 11.2330, 0.4758,
0.4381

199.2593, 0.3805,
0.3801

 6.2238, 0.5018,
0.4492

243.0809, 0.3762,
0.3770

 2.9816, 0.5384,
0.4616

292.8979, 0.3724,

 1.1222, 0.5571,

0.3743

0.4429

349.0948, 0.3690,
0.3719

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6285, 0.4144,
0.4031

56.6285, 0.4144,
0.4031

51.7520, 0.4393,
0.4153

61.9874, 0.3904,
0.3889

47.3314, 0.4640,
0.4242

67.8375, 0.3681,
0.3738


43.3493, 0.4873,
0.4286

74.1974, 0.3477,
0.3586


39.7826, 0.5076,
0.4278

81.0819, 0.3295,
0.3437

 36.7209, 0.5238,
0.4223

 88.5053, 0.3133,
0.3296

 95.8035, 0.3048,
0.3262

 97.6236, 0.3048,
0.3290

Harmonies

Analogous

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



56.6285, 0.4258, 0.3620



56.6285, 0.4144, 0.4031



56.6285, 0.3752, 0.4296

Triad

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



56.6285, 0.4144, 0.4031



56.6285, 0.2284, 0.3309



56.6285, 0.2958, 0.2508

Complementary

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



56.6285, 0.4144, 0.4031



40.3212, 0.2294, 0.2388

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.



56.6285, 0.2473, 0.2397



56.6285, 0.4144, 0.4031



56.6285, 0.2114, 0.2798

Square

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



56.6285, 0.4144, 0.4031



56.6285, 0.2677, 0.3882



56.6285, 0.2180, 0.2486



56.6285, 0.3538, 0.2786

Rectangle

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



56.6285, 0.4144, 0.4031



56.6285, 0.3400, 0.4316



56.6285, 0.2180, 0.2486



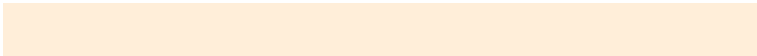
56.6285, 0.2779, 0.2450

Sweetspot

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



56.6312, 0.4144, 0.4031



87.6219, 0.3377, 0.3505



35.4144, 0.3895, 0.2700



18.4059, 0.3416, 0.3537



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.



56.6312, 0.4144, 0.4031



58.3923, 0.4387, 0.4150



82.7040, 0.3821, 0.4532



17.2416, 0.3279, 0.3423



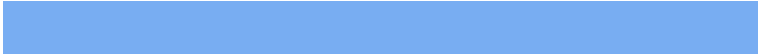
19.9972, 0.5216, 0.4240



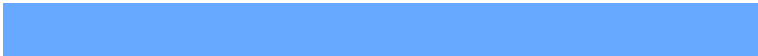
1.8611, 0.5045, 0.4377

Inverse Universe

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



40.3212, 0.2294, 0.2388



38.2415, 0.2139, 0.2174



24.2965, 0.2198, 0.1702



16.3592, 0.2980, 0.3153



9.1551, 0.1714, 0.1368



0.9560, 0.1784, 0.1623

Previews

White Background



This preview shows how the Yxy color 56.6285, 0.4144, 0.4031 looks on a white background.

Color Contrast Check

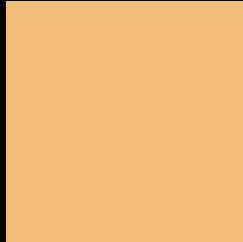
Large Text (above 18pt) WCAG AA × Fail

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 56.6285, 0.4144, 0.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

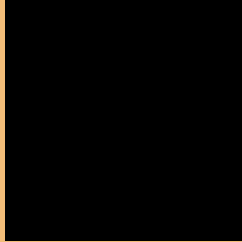
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6285, 0.4144, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 56.6285, 0.4144, 0.4031.



This preview shows how white text looks on a background with the Yxy color 56.6285, 0.4144, 0.4031.

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

56.6285, 0.4144, 0.4031

Protanopia

57.0538, 0.3844, 0.4163

Deuteranopia

56.8837, 0.4129, 0.4044



Tritanopia

56.6773, 0.3611, 0.3143

Trichromacy



Original Color

56.6285, 0.4144, 0.4031

Protanomaly

56.6290, 0.3949, 0.4107

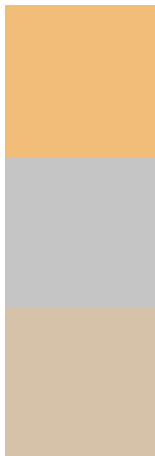
Deuteranomaly

56.8837, 0.4129, 0.4044

Tritanomaly

56.2498, 0.3814, 0.3465

Monochromacy



Original Color

56.6285, 0.4144, 0.4031

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5943, 0.3479, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6285, 0.4144, 0.4031 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, 189, 120)` looks like.

```
.text, #text, p{  
    color:rgb(242, 189, 120)  
}
```

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, 189, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 189, 120) }
```

Border

The CSS property to change the border of an element to Yxy 56.6285, 0.4144, 0.4031 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, 189, 120) }
```

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

```
.border{ border-color:rgb(242, 189, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 189, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 189, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 189, 120);  
box-shadow:4px 4px 4px 4px rgb(242, 189,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6285, 0.4144, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 189, 120) }
```

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

```
.background{ background-color: rgb(242,  
189, 120) }
```

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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