

Converting Colors

Yxy(56.5701, 0.3828, 0.3549)

Have a look what the booklet for
Yxy(56.5701, 0.3828, 0.3549)
contains.

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Color

Yxy(56.3612, 0.3825, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	F3B9A2
RGB	243, 185, 162
RGB Percent	95%, 73%, 64%
CMY	0.0471, 0.2745, 0.3648
CMYK	0.00, 0.24, 0.33, 0.05
HSL	17°, 77%, 79%
HSV	17°, 33%, 95%
XYZ	60.8300, 56.3612, 41.8415
YIQ	199.7200, 41.9510, 5.1430

Conversions

Conversions Part 2

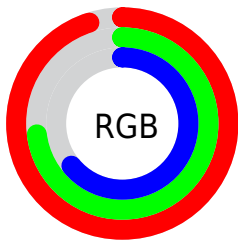
Format	Color
R _Y B	243, 194, 162
Decimal	15972770
CIE Lab	79.82, 17.87, 19.80
CIE LCh	80, 26.675, 47.927
Yxy	56.3612, 0.3825, 0.3544
Android (android.graphics.Color)	4294162850 (0xFFFF3B9A2)
YUV	199.7200, -18.5960, 37.9566
Hunter-Lab	75.0741, 13.2529, 19.5074

Details

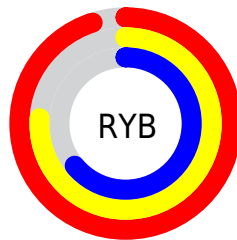
The Yxy color **56.3612, 0.3825, 0.3544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3152, 0.2618, 0.3018**, and the grayscale version is **57.6751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1803, 0.3371, 0.3528**, and **27.9426, 0.4008, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **48.7445, 0.4120, 0.3621**, and if you desaturate by 10%, it is **65.0403, 0.3573, 0.3464**.

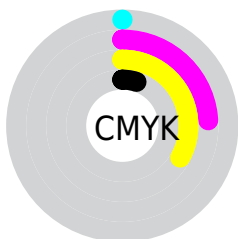
Distribution



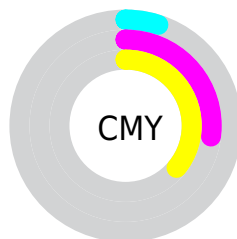
- Red (95%)
- Green (73%)
- Blue (64%)



- Red (95%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3612, 0.3825, 0.3544 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 56.3612, 0.3825, 0.3544 by changing the saturation by 10% instead.


 56.3612, 0.3825,
0.3544

 56.3612, 0.3825,
0.3544


411.0513, 0.3484,
0.3431

 40.4926, 0.3907,
0.3568

 99.5325, 0.3703,
0.3506

 27.9228, 0.4011,
0.3597


 127.6040, 0.3657,
0.3491

 18.2675, 0.4145,
0.3631


160.5119, 0.3617,
0.3478

 11.1422, 0.4326,
0.3671

198.6406, 0.3583,
0.3466

 6.1626, 0.4581,
0.3716

242.3745, 0.3554,
0.3456

 2.9442, 0.4960,
0.3757

292.0979, 0.3528,

 1.1027, 0.5977,

0.3447

0.4023

348.1954, 0.3505,
0.3438

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3612, 0.3825,
0.3544

56.3612, 0.3825,
0.3544

48.7445, 0.4120,
0.3621

65.0403, 0.3573,
0.3464

42.1404, 0.4456,
0.3689

74.8129, 0.3359,
0.3387

36.5072, 0.4826,
0.3738

85.7189, 0.3180,
0.3313

31.7968, 0.5208,
0.3755

97.5221, 0.3054,
0.3286

■ 27.9564, 0.5569,
0.3731

■ 97.7943, 0.3054,
0.3290

■ 24.9273, 0.5870,
0.3660

■ 23.3215, 0.6028,
0.3596

Harmonies

Analogous

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



56.3612, 0.3701, 0.3256



56.3612, 0.3825, 0.3544



56.3612, 0.3749, 0.3788

Triad

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



56.3612, 0.3825, 0.3544



56.3612, 0.2828, 0.3618



56.3612, 0.2740, 0.2717

Complementary

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



56.3612, 0.3825, 0.3544



65.3152, 0.2618, 0.3018

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.



56.3612, 0.2533, 0.2776



56.3612, 0.3825, 0.3544



56.3612, 0.2580, 0.3284

Square

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



56.3612, 0.3825, 0.3544



56.3612, 0.3164, 0.3857



56.3612, 0.2476, 0.2975



56.3612, 0.3059, 0.2797

Rectangle

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



56.3612, 0.3825, 0.3544



56.3612, 0.3599, 0.3890



56.3612, 0.2476, 0.2975



56.3612, 0.2656, 0.2721

Sweetspot

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



56.3639, 0.3825, 0.3544



87.3689, 0.3296, 0.3362



50.0547, 0.3359, 0.2678



18.3428, 0.3323, 0.3372



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.



56.3639, 0.3825, 0.3544



57.0161, 0.4020, 0.3597



75.7519, 0.3686, 0.3959



17.2497, 0.3287, 0.3358



12.9974, 0.6000, 0.3618



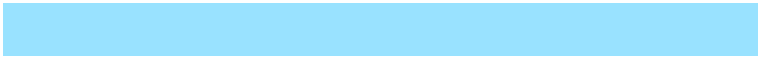
1.3101, 0.5756, 0.3812

Inverse Universe

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



65.3152, 0.2618, 0.3018



68.3846, 0.2522, 0.2954



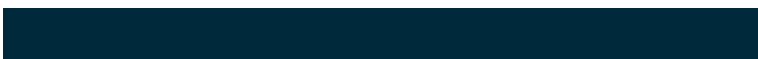
46.6016, 0.2554, 0.2516



17.9149, 0.2980, 0.3221



20.3880, 0.1983, 0.2337



1.9663, 0.2020, 0.2471

Previews

White Background



This preview shows how the Yxy color 56.3612, 0.3825, 0.3544 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 56.3612, 0.3825, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

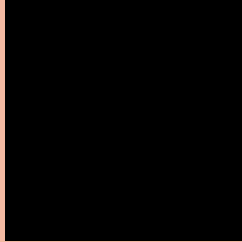
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3612, 0.3825, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 56.3612, 0.3825, 0.3544.



This preview shows how white text looks on a background with the Yxy color 56.3612, 0.3825, 0.3544.

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

56.3612, 0.3825, 0.3544

Protanopia

56.7706, 0.3444, 0.3651

Deuteranopia

56.2231, 0.3703, 0.3622



Tritanopia

56.1304, 0.3585, 0.3141

Trichromacy



Original Color

56.3612, 0.3825, 0.3544

Protanomaly

56.2653, 0.3574, 0.3606

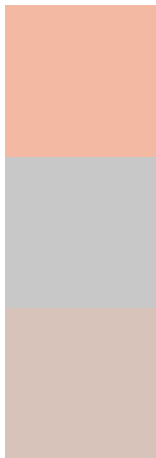
Deuteranomaly

56.2018, 0.3753, 0.3595

Tritanomaly

56.2458, 0.3677, 0.3292

Monochromacy



Original Color

56.3612, 0.3825, 0.3544

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1743, 0.3367, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3612, 0.3825, 0.3544 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(243, 185, 162)` looks like.

```
.text, #text, p{  
    color:rgb(243, 185, 162)  
}
```

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(243, 185, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 185, 162) }
```

Border

The CSS property to change the border of an element to Yxy 56.3612, 0.3825, 0.3544 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(243, 185, 162) }
```

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

```
.border{ border-color:rgb(243, 185, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 185, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 185, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 185, 162);  
box-shadow:4px 4px 4px 4px rgb(243, 185,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3612, 0.3825, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 185, 162) }
```

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

```
.background{ background-color: rgb(243,  
185, 162) }
```

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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