

Converting Colors

$Y_{xy}(56.1756, 0.3880, 0.3398)$

Have a look what the booklet for
Yxy(56.1756, 0.3880, 0.3398)
contains.

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Color

Yxy(56.1756, 0.3880, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FEB3A9
RGB	254, 179, 169
RGB Percent	100%, 70%, 66%
CMY	0.0041, 0.2979, 0.3372
CMYK	0.00, 0.30, 0.33, 0.00
HSL	7°, 98%, 83%
HSV	7°, 33%, 100%
XYZ	64.1440, 56.1756, 45.0000
YIQ	200.2850, 47.9100, 12.7900

Conversions

Conversions Part 2

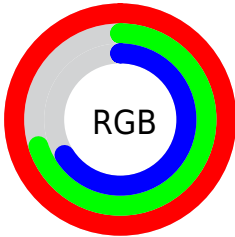
Format	Color
R _Y B	254, 180, 169
Decimal	16692137
CIE Lab	79.71, 26.01, 16.05
CIE LCh	80, 30.567, 31.670
Yxy	56.1756, 0.3880, 0.3398
Android (android.graphics.Color)	4294882217 (0xFFFE3A9)
YUV	200.2850, -15.4235, 47.1081
Hunter-Lab	74.9504, 21.6006, 16.8677

Details

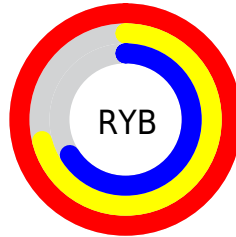
The Yxy color **56.1756, 0.3880, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.2540, 0.2636, 0.3178**, and the grayscale version is **58.0196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0585, 0.3334, 0.3400**, and **27.9418, 0.4086, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **47.0520, 0.4218, 0.3430**, and if you desaturate by 10%, it is **66.9484, 0.3599, 0.3364**.

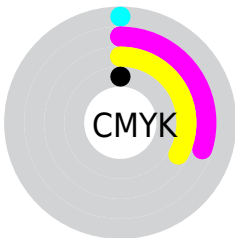
Distribution



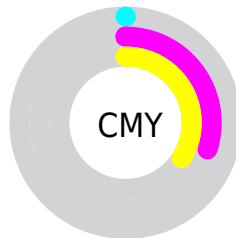
- Red (100%)
- Green (70%)
- Blue (66%)



- Red (100%)
- Yellow (71%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1756, 0.3880, 0.3398 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 56.1756, 0.3880, 0.3398 by changing the saturation by 10% instead.

 56.1756, 0.3880,
0.3398

 56.1756, 0.3880,
0.3398


410.3529, 0.3511,
0.3356

 40.3437, 0.3969,
0.3405


 99.2613, 0.3748,
0.3386

 27.8066, 0.4082,
0.3412


127.2839, 0.3698,
0.3380

 18.1800, 0.4228,
0.3418


160.1388, 0.3655,
0.3375

 11.0793, 0.4427,
0.3421

198.2106, 0.3619,
0.3371

 6.1202, 0.4708,
0.3414

241.8834, 0.3587,
0.3367

 2.9183, 0.5132,
0.3380

291.5419, 0.3558,

 1.0892, 0.6313,

0.3363

0.3529

347.5702, 0.3534,
0.3360

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1756, 0.3880,
0.3398

56.1756, 0.3880,
0.3398

47.0520, 0.4218,
0.3430

66.9484, 0.3599,
0.3364

39.4885, 0.4613,
0.3457

79.4378, 0.3370,
0.3331

33.3997, 0.5052,
0.3472

93.7173, 0.3183,
0.3300

28.6889, 0.5501,
0.3469

99.8033, 0.3121,
0.3290

■ 25.2476, 0.5904,
0.3444

■ 22.9506, 0.6198,
0.3397

■ 21.9895, 0.6320,
0.3363

Harmonies

Analogous

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



56.1756, 0.3625, 0.3078



56.1756, 0.3880, 0.3398



56.1756, 0.3915, 0.3714

Triad

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



56.1756, 0.3880, 0.3398



56.1756, 0.2983, 0.3842



56.1756, 0.2538, 0.2653

Complementary

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



56.1756, 0.3880, 0.3398



80.2540, 0.2636, 0.3178

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.



56.1756, 0.2394, 0.2804



56.1756, 0.3880, 0.3398



56.1756, 0.2637, 0.3495

Square

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



56.1756, 0.3880, 0.3398



56.1756, 0.3383, 0.4009



56.1756, 0.2428, 0.3105



56.1756, 0.2838, 0.2663

Rectangle

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



56.1756, 0.3880, 0.3398



56.1756, 0.3812, 0.3884



56.1756, 0.2428, 0.3105



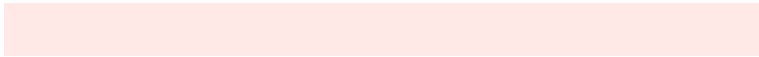
56.1756, 0.2471, 0.2685

Sweetspot

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



56.1783, 0.3880, 0.3398



84.9446, 0.3301, 0.3320



55.9756, 0.3244, 0.2544



17.7605, 0.3328, 0.3325



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.



56.1783, 0.3880, 0.3398



50.4812, 0.4095, 0.3420



75.8493, 0.3734, 0.3829



18.3320, 0.3292, 0.3319



11.7042, 0.6303, 0.3377



1.2449, 0.6140, 0.3507

Inverse Universe

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



80.2540, 0.2636, 0.3178



78.0752, 0.2553, 0.3153



57.6288, 0.2572, 0.2682



20.0940, 0.2980, 0.3261



32.0343, 0.2143, 0.2913



3.2181, 0.2156, 0.2960

Previews

White Background



This preview shows how the Yxy color 56.1756, 0.3880, 0.3398 looks on a white background.

Color Contrast Check

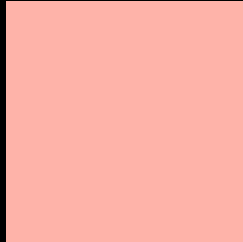
Large Text (above 18pt) WCAG AA × Fail

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 56.1756, 0.3880, 0.3398 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 56.1756, 0.3880, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 56.1756, 0.3880, 0.3398.



This preview shows how white text looks on a background with the Yxy color 56.1756, 0.3880, 0.3398.

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

56.1756, 0.3880, 0.3398

Protanopia

56.2687, 0.3343, 0.3519

Deuteranopia

56.1109, 0.3635, 0.3554



Tritanopia

56.0284, 0.3708, 0.3145

Trichromacy



Original Color

56.1756, 0.3880, 0.3398

Protanomaly

55.6100, 0.3525, 0.3465

Deuteranomaly

55.9495, 0.3717, 0.3492

Tritanomaly

56.0817, 0.3778, 0.3239

Monochromacy



Original Color

56.1756, 0.3880, 0.3398

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5890, 0.3382, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1756, 0.3880, 0.3398 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(254, 179, 169)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 169)  
}
```

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(254, 179, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 169) }
```

Border

The CSS property to change the border of an element to Yxy 56.1756, 0.3880, 0.3398 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(254, 179, 169) }
```

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

```
.border{ border-color:rgb(254, 179, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 169);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1756, 0.3880, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 169) }
```

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

```
.background{ background-color: rgb(254,  
179, 169) }
```

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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