

Converting Colors

$Y_{xy}(58.1702, 0.3989, 0.3410)$

Have a look what the booklet for
Yxy(58.1702, 0.3989, 0.3410)
contains.

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Color

Yxy(56.2902, 0.3907, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3A7
RGB	255, 179, 167
RGB Percent	100%, 70%, 65%
CMY	0.0001, 0.2979, 0.3452
CMYK	0.00, 0.30, 0.35, 0.00
HSL	8°, 100%, 83%
HSV	8°, 35%, 100%
XYZ	64.3246, 56.2902, 44.0246
YIQ	200.3560, 49.1480, 12.3800

Conversions

Conversions Part 2

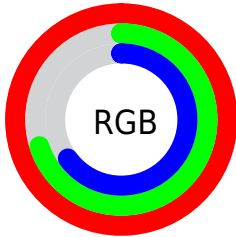
Format	Color
R _Y B	255, 181, 167
Decimal	16757671
CIE Lab	79.78, 26.15, 17.24
CIE LCh	80, 31.321, 33.407
Yxy	56.2902, 0.3907, 0.3419
Android (android.graphics.Color)	4294947751 (0xFFFFB3A7)
YUV	200.3560, -16.4445, 47.9228
Hunter-Lab	75.0268, 21.7410, 17.7283

Details

The Yxy color **56.2902, 0.3907, 0.3419** is a light color, and the websafe version is hex **FF9999**, and the color name is [washed-out crimson \(arazome\)](#). A complement of this color would be **79.4874, 0.2620, 0.3155**, and the grayscale version is **58.0709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9506, 0.3347, 0.3420**, and **27.8953, 0.4110, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **47.3110, 0.4246, 0.3456**, and if you desaturate by 10%, it is **66.8685, 0.3624, 0.3380**.

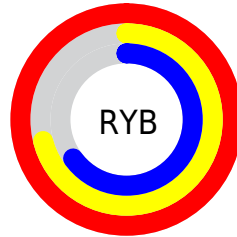
Distribution



Red (100%)

Green (70%)

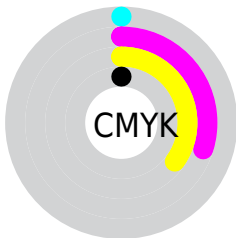
Blue (65%)



Red (100%)

Yellow (71%)

Blue (65%)

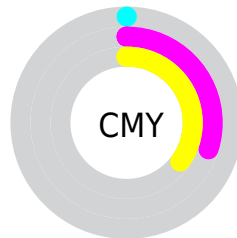


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2902, 0.3907, 0.3419 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 56.2902, 0.3907, 0.3419 by changing the saturation by 10% instead.


 56.2902, 0.3907,
0.3419


 56.2902, 0.3907,
0.3419


410.7842, 0.3525,
0.3368

 40.4356, 0.3999,
0.3428


 99.4288, 0.3770,
0.3404

 27.8784, 0.4116,
0.3437


 127.4815, 0.3719,
0.3397

 18.2340, 0.4267,
0.3446


160.3692, 0.3674,
0.3391

 11.1181, 0.4471,
0.3451

198.4761, 0.3636,
0.3385

 6.1463, 0.4760,
0.3448

242.1867, 0.3603,
0.3380

 2.9343, 0.5194,
0.3416

291.8853, 0.3574,

 1.0975, 0.6418,

0.3376

0.3582

347.9563, 0.3548,
0.3372

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2902, 0.3907,
0.3419

56.2902, 0.3907,
0.3419

47.3110, 0.4246,
0.3456

66.8685, 0.3624,
0.3380

39.8451, 0.4641,
0.3486

79.1101, 0.3391,
0.3342

33.8112, 0.5076,
0.3502

93.0855, 0.3201,
0.3305

29.1168, 0.5517,
0.3498

99.9937, 0.3127,
0.3290

■ 25.6584, 0.5910,
0.3467

■ 23.3170, 0.6194,
0.3413

■ 22.4497, 0.6299,
0.3381

Harmonies

Analogous

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



56.2902, 0.3657, 0.3091



56.2902, 0.3907, 0.3419



56.2902, 0.3929, 0.3740

Triad

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



56.2902, 0.3907, 0.3419



56.2902, 0.2956, 0.3840



56.2902, 0.2538, 0.2635

Complementary

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



56.2902, 0.3907, 0.3419



79.4874, 0.2620, 0.3155

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.



56.2902, 0.2381, 0.2779



56.2902, 0.3907, 0.3419



56.2902, 0.2609, 0.3476

Square

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



56.2902, 0.3907, 0.3419



56.2902, 0.3365, 0.4023



56.2902, 0.2405, 0.3079



56.2902, 0.2853, 0.2655

Rectangle

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



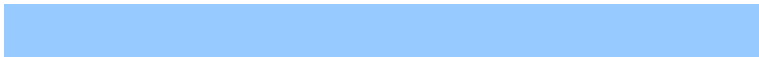
56.2902, 0.3907, 0.3419



56.2902, 0.3814, 0.3910



56.2902, 0.2405, 0.3079



56.2902, 0.2467, 0.2664

Sweetspot

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



56.2929, 0.3907, 0.3419



85.2173, 0.3300, 0.3325



55.3698, 0.3261, 0.2534



17.8259, 0.3328, 0.3330



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.



56.2929, 0.3907, 0.3419



50.3001, 0.4121, 0.3443



76.6612, 0.3752, 0.3860



18.3878, 0.3291, 0.3323



11.8554, 0.6280, 0.3396



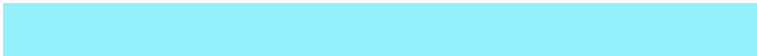
1.2710, 0.6102, 0.3537

Inverse Universe

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



79.4874, 0.2620, 0.3155



76.4744, 0.2537, 0.3126



56.3901, 0.2551, 0.2642



20.0324, 0.2980, 0.3257



30.7097, 0.2125, 0.2850



3.1021, 0.2140, 0.2905

Previews

White Background



This preview shows how the Yxy color 56.2902, 0.3907, 0.3419 looks on a white background.

Color Contrast Check

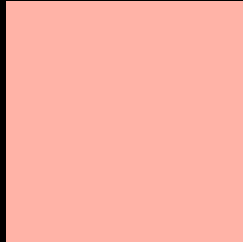
Large Text (above 18pt) WCAG AA × Fail

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 56.2902, 0.3907, 0.3419 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 56.2902, 0.3907, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 56.2902, 0.3907, 0.3419.



This preview shows how white text looks on a background with the Yxy color 56.2902, 0.3907, 0.3419.

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

56.2902, 0.3907, 0.3419

Protanopia

56.7882, 0.3365, 0.3555

Deuteranopia

56.6362, 0.3657, 0.3588



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.2902, 0.3907, 0.3419

Protanomaly

56.1260, 0.3548, 0.3499

Deuteranomaly

56.4710, 0.3740, 0.3525

Tritanomaly

56.4370, 0.3784, 0.3260

Monochromacy



Original Color

56.2902, 0.3907, 0.3419

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5458, 0.3390, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2902, 0.3907, 0.3419 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(255, 179, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 167)  
}
```

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(255, 179, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 167) }
```

Border

The CSS property to change the border of an element to Yxy 56.2902, 0.3907, 0.3419 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(255, 179, 167) }
```

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

```
.border{ border-color:rgb(255, 179, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2902, 0.3907, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 167) }
```

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

```
.background{ background-color: rgb(255,  
179, 167) }
```

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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