

Converting Colors

$Y_{xy}(57.2591, 0.4027, 0.3565)$

Have a look what the booklet for
Yxy(57.2591, 0.4027, 0.3565)
contains.

Yxy(56.6743, 0.4006, 0.3566)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6743, 0.4006, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	FFB59B
RGB	255, 181, 155
RGB Percent	100%, 71%, 61%
CMY	0.0002, 0.2901, 0.3922
CMYK	0.00, 0.29, 0.39, 0.00
HSL	16°, 100%, 80%
HSV	16°, 39%, 100%
XYZ	63.6672, 56.6743, 38.5881
YIQ	200.1620, 52.4500, 7.6020

Conversions

Conversions Part 2

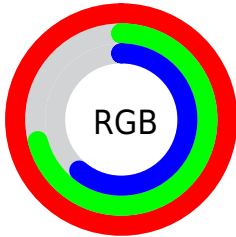
Format	Color
R_{YB}	255, 190, 155
Decimal	16758171
CIE Lab	80.00, 23.71, 23.98
CIE LCh	80, 33.719, 45.322
Yxy	56.6743, 0.4006, 0.3566
Android (android.graphics.Color)	4294948251 (0xFFFFB59B)
YUV	200.1620, -22.2649, 48.0929
Hunter-Lab	75.2823, 19.2156, 22.3069

Details

The Yxy color **56.6743, 0.4006, 0.3566** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.1762, 0.2537, 0.2990**, and the grayscale version is **57.9799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4815, 0.3423, 0.3560**, and **28.1736, 0.4231, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **48.7517, 0.4334, 0.3633**, and if you desaturate by 10%, it is **65.8208, 0.3723, 0.3494**.

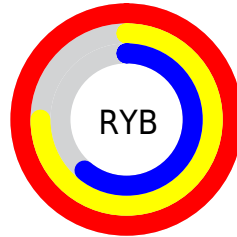
Distribution



Red (100%)

Green (71%)

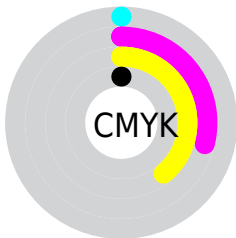
Blue (61%)



Red (100%)

Yellow (75%)

Blue (61%)

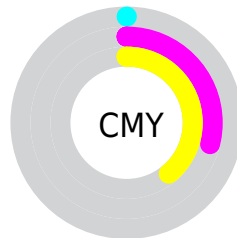


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6743, 0.4006, 0.3566 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 56.6743, 0.4006, 0.3566 by changing the saturation by 10% instead.


 56.6743, 0.4006,
0.3566


 56.6743, 0.4006,
0.3566


412.2277, 0.3577,
0.3449

 40.7438, 0.4109,
0.3589


 99.9898, 0.3853,
0.3528

 28.1190, 0.4238,
0.3615


 128.1436, 0.3795,
0.3512

 18.4153, 0.4404,
0.3645


161.1406, 0.3745,
0.3499

 11.2486, 0.4626,
0.3675

199.3652, 0.3702,
0.3486

 6.2343, 0.4934,
0.3699

243.2018, 0.3665,
0.3475

 2.9881, 0.5390,
0.3701

293.0349, 0.3632,

 1.1255, 0.6283,

0.3466

0.3717

349.2487, 0.3603,
0.3457

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6743, 0.4006,
0.3566

56.6743, 0.4006,
0.3566

48.7517, 0.4334,
0.3633

65.8208, 0.3723,
0.3494

41.9921, 0.4703,
0.3685

76.2327, 0.3483,
0.3421

36.3411, 0.5095,
0.3712

87.9592, 0.3282,
0.3351

31.7368, 0.5480,
0.3702

99.9915, 0.3127,
0.3290

■ 28.1102, 0.5816,
0.3648

■ 25.3785, 0.6068,
0.3557

■ 25.1964, 0.6086,
0.3550

Harmonies

Analogous

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



56.6743, 0.3829, 0.3210



56.6743, 0.4006, 0.3566



56.6743, 0.3926, 0.3885

Triad

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



56.6743, 0.4006, 0.3566



56.6743, 0.2781, 0.3743



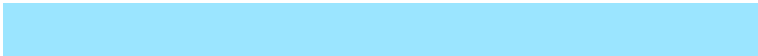
56.6743, 0.2613, 0.2579

Complementary

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



56.6743, 0.4006, 0.3566



70.1762, 0.2537, 0.2990

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.



56.6743, 0.2374, 0.2659



56.6743, 0.4006, 0.3566



56.6743, 0.2464, 0.3314

Square

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



56.6743, 0.4006, 0.3566



56.6743, 0.3205, 0.4033



56.6743, 0.2321, 0.2915



56.6743, 0.2999, 0.2665

Rectangle

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



56.6743, 0.4006, 0.3566



56.6743, 0.3745, 0.4031



56.6743, 0.2321, 0.2915



56.6743, 0.2514, 0.2586

Sweetspot

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



56.6770, 0.4006, 0.3566



84.5858, 0.3335, 0.3370



50.4014, 0.3384, 0.2537



17.7710, 0.3360, 0.3379



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.



56.6770, 0.4006, 0.3566



50.4205, 0.4258, 0.3619



80.1911, 0.3807, 0.4047



18.7562, 0.3288, 0.3353



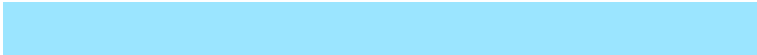
13.3745, 0.6058, 0.3572



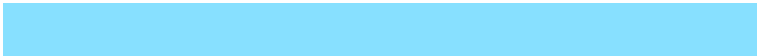
1.4704, 0.5839, 0.3745

Inverse Universe

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



70.1762, 0.2537, 0.2990



65.5767, 0.2434, 0.2919



46.8190, 0.2445, 0.2391



19.6334, 0.2980, 0.3227



22.9499, 0.2006, 0.2420



2.4119, 0.2037, 0.2531

Previews

White Background



This preview shows how the Yxy color 56.6743, 0.4006, 0.3566 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 56.6743, 0.4006, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

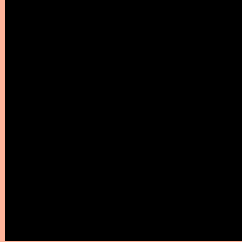
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6743, 0.4006, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 56.6743, 0.4006, 0.3566.



This preview shows how white text looks on a background with the Yxy color 56.6743, 0.4006, 0.3566.

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

56.6743, 0.4006, 0.3566

Protanopia

56.7341, 0.3491, 0.3710

Deuteranopia

56.8851, 0.3792, 0.3720



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.6743, 0.4006, 0.3566

Protanomaly

56.4061, 0.3670, 0.3660

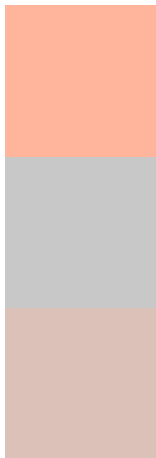
Deuteranomaly

56.5745, 0.3868, 0.3655

Tritanomaly

56.6745, 0.3817, 0.3313

Monochromacy



Original Color

56.6743, 0.4006, 0.3566

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8163, 0.3420, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6743, 0.4006, 0.3566 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, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 155)  
}
```

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, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 155) }
```

Border

The CSS property to change the border of an element to Yxy 56.6743, 0.4006, 0.3566 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, 181, 155) }
```

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

```
.border{ border-color:rgb(255, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6743, 0.4006, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 155) }
```

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

```
.background{ background-color: rgb(255,  
181, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor