

Converting Colors

$Y_{xy}(58.5890, 0.3901, 0.3497)$

Have a look what the booklet for
Yxy(58.5890, 0.3901, 0.3497)
contains.

Yxy(58.6745, 0.3903, 0.3502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6745, 0.3903, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9A5
RGB	255, 185, 165
RGB Percent	100%, 73%, 65%
CMY	0.0000, 0.2746, 0.3529
CMYK	0.00, 0.27, 0.35, 0.00
HSL	13°, 100%, 82%
HSV	13°, 35%, 100%
XYZ	65.3931, 58.6745, 43.4781
YIQ	203.6500, 48.1400, 8.6200

Conversions

Conversions Part 2

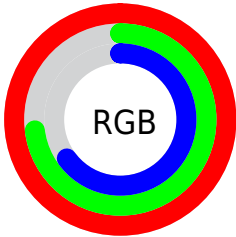
Format	Color
R _Y B	255, 191, 165
Decimal	16759205
CIE Lab	81.11, 22.81, 20.16
CIE LCh	81, 30.445, 41.463
Yxy	58.6745, 0.3903, 0.3502
Android (android.graphics.Color)	4294949285 (0xFFFFB9A5)
YUV	203.6500, -19.0544, 45.0340
Hunter-Lab	76.5993, 18.3373, 19.9662

Details

The Yxy color **58.6745, 0.3903, 0.3502** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6482, 0.2598, 0.3064**, and the grayscale version is **60.2447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3379, 0.3352, 0.3498**, and **29.4305, 0.4099, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **50.1022, 0.4224, 0.3561**, and if you desaturate by 10%, it is **68.5785, 0.3630, 0.3439**.

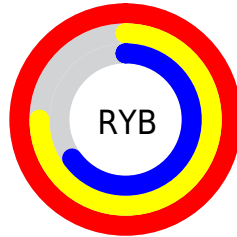
Distribution



Red (100%)

Green (73%)

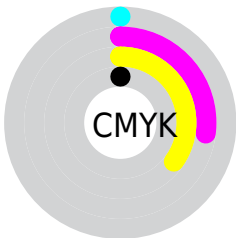
Blue (65%)



Red (100%)

Yellow (75%)

Blue (65%)

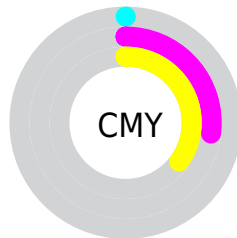


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6745, 0.3903, 0.3502 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 58.6745, 0.3903, 0.3502 by changing the saturation by 10% instead.

 58.6745, 0.3903,
0.3502


 58.6745, 0.3903,
0.3502


419.6946, 0.3526,
0.3412

 42.3511, 0.3993,
0.3520


 102.9044, 0.3769,
0.3473

 29.3763, 0.4106,
0.3540


 131.5798, 0.3718,
0.3461

 19.3657, 0.4253,
0.3563

165.1413, 0.3674,
0.3450

 11.9348, 0.4448,
0.3587

203.9733, 0.3636,
0.3441

 6.6993, 0.4721,
0.3609

248.4603, 0.3604,
0.3433

 3.2748, 0.5123,
0.3613

298.9866, 0.3575,

 1.2768, 0.6187,

0.3425

0.3813

355.9365, 0.3549,
0.3418

0.1231, 0.8455,
0.1545

0.0000, 0.0000,
0.0000

58.6745, 0.3903,
0.3502

58.6745, 0.3903,
0.3502

50.1022, 0.4224,
0.3561

68.5785, 0.3630,
0.3439

42.8202, 0.4592,
0.3611

79.8866, 0.3402,
0.3378

36.7594, 0.4994,
0.3641

92.6449, 0.3214,
0.3319

31.8511, 0.5403,
0.3642

100.0000, 0.3127,
0.3290

■ 28.0192, 0.5774,
0.3604

■ 25.1776, 0.6061,
0.3528

■ 24.1482, 0.6164,
0.3487

Harmonies

Analogous

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



58.6745, 0.3717, 0.3181



58.6745, 0.3903, 0.3502



58.6745, 0.3863, 0.3795

Triad

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



58.6745, 0.3903, 0.3502



58.6745, 0.2865, 0.3734



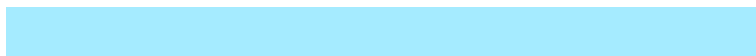
58.6745, 0.2630, 0.2650

Complementary

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



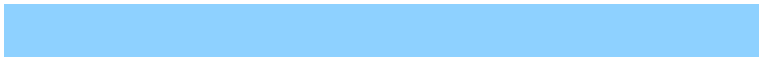
58.6745, 0.3903, 0.3502



74.6482, 0.2598, 0.3064

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.



58.6745, 0.2434, 0.2747



58.6745, 0.3903, 0.3502



58.6745, 0.2561, 0.3364

Square

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



58.6745, 0.3903, 0.3502



58.6745, 0.3251, 0.3966



58.6745, 0.2409, 0.2999



58.6745, 0.2965, 0.2709

Rectangle

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



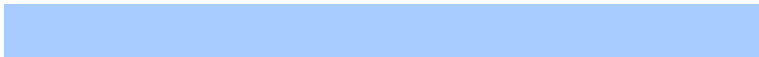
58.6745, 0.3903, 0.3502



58.6745, 0.3719, 0.3934



58.6745, 0.2409, 0.2999



58.6745, 0.2547, 0.2665

Sweetspot

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



58.6688, 0.3903, 0.3502



85.1816, 0.3317, 0.3352



54.1995, 0.3326, 0.2584



17.8681, 0.3343, 0.3360



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.



58.6688, 0.3903, 0.3502



52.7774, 0.4113, 0.3543



80.2935, 0.3743, 0.3944



18.6409, 0.3289, 0.3343



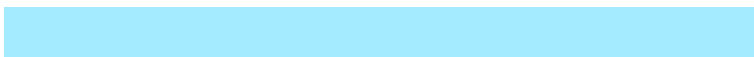
12.7975, 0.6138, 0.3508



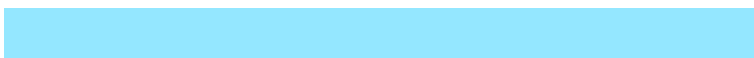
1.3998, 0.5927, 0.3676

Inverse Universe

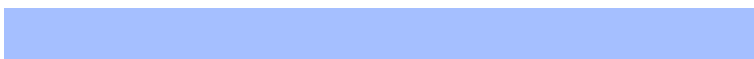
The Inverse Universe completely reimagines the original color for something new.



74.6482, 0.2598, 0.3064



70.7830, 0.2507, 0.3014



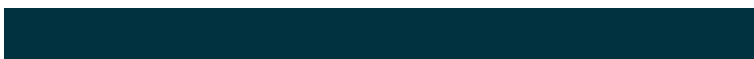
52.2657, 0.2525, 0.2533



19.7569, 0.2980, 0.3236



25.2011, 0.2044, 0.2556



2.6142, 0.2069, 0.2650

Previews

White Background



This preview shows how the Yxy color 58.6745, 0.3903, 0.3502 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 58.6745, 0.3903, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

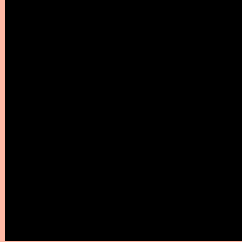
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6745, 0.3903, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 58.6745, 0.3903, 0.3502.



This preview shows how white text looks on a background with the Yxy color 58.6745, 0.3903, 0.3502.

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

58.6745, 0.3903, 0.3502

Protanopia

58.7875, 0.3424, 0.3622

Deuteranopia

58.8901, 0.3716, 0.3637



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.6745, 0.3903, 0.3502

Protanomaly

58.4265, 0.3596, 0.3576

Deuteranomaly

58.8192, 0.3778, 0.3587

Tritanomaly

58.5877, 0.3743, 0.3281

Monochromacy



Original Color

58.6745, 0.3903, 0.3502

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.3382, 0.3391, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6745, 0.3903, 0.3502 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, 185, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 165)  
}
```

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, 185, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 165) }
```

Border

The CSS property to change the border of an element to Yxy 58.6745, 0.3903, 0.3502 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, 185, 165) }
```

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

```
.border{ border-color:rgb(255, 185, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6745, 0.3903, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 165) }
```

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

```
.background{ background-color: rgb(255,  
185, 165) }
```

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