

Converting Colors

$Yxy(59.7019, 0.3928, 0.3505)$

Have a look what the booklet for
Yxy(59.7019, 0.3928, 0.3505)
contains.

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Color

Yxy(59.0944, 0.3899, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAA5
RGB	255, 186, 165
RGB Percent	100%, 73%, 65%
CMY	0.0000, 0.2705, 0.3530
CMYK	0.00, 0.27, 0.35, 0.00
HSL	14°, 100%, 82%
HSV	14°, 35%, 100%
XYZ	65.5876, 59.0944, 43.5344
YIQ	204.2370, 47.8650, 8.0970

Conversions

Conversions Part 2

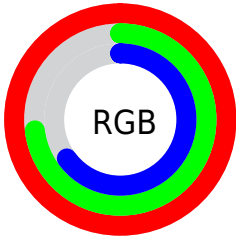
Format	Color
R _Y B	255, 192, 165
Decimal	16759461
CIE Lab	81.34, 22.26, 20.49
CIE LCh	81, 30.254, 42.640
Yxy	59.0944, 0.3899, 0.3513
Android (android.graphics.Color)	4294949541 (0xFFFFBAA5)
YUV	204.2370, -19.3438, 44.5192
Hunter-Lab	76.8729, 17.7677, 20.2341

Details

The Yxy color **59.0944, 0.3899, 0.3513** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0402, 0.2596, 0.3052**, and the grayscale version is **60.6438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9316, 0.3351, 0.3508**, and **29.7031, 0.4093, 0.3562** is the 20% darker color. If you saturate the color by 10%, you get **50.5807, 0.4217, 0.3576**, and if you desaturate by 10%, it is **68.9248, 0.3628, 0.3447**.

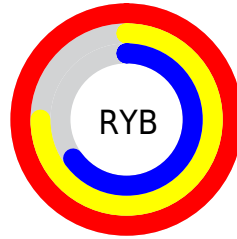
Distribution



Red (100%)

Green (73%)

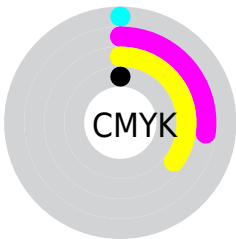
Blue (65%)



Red (100%)

Yellow (75%)

Blue (65%)

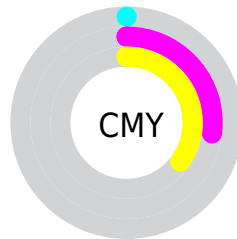


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0944, 0.3899, 0.3513 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 59.0944, 0.3899, 0.3513 by changing the saturation by 10% instead.

 59.0944, 0.3899,
0.3513


 59.0944, 0.3899,
0.3513


421.2517, 0.3525,
0.3418

 42.6891, 0.3988,
0.3532


 103.5149, 0.3766,
0.3482

 29.6413, 0.4100,
0.3554


 132.2988, 0.3715,
0.3469

 19.5665, 0.4245,
0.3579


165.9778, 0.3672,
0.3458

 12.0803, 0.4439,
0.3606

204.9362, 0.3634,
0.3448

 6.7984, 0.4708,
0.3631

249.5583, 0.3602,
0.3440

 3.3363, 0.5103,
0.3641

300.2287, 0.3573,

 1.3097, 0.6149,

0.3432

0.3851

357.3317, 0.3547,
0.3424

0.1487, 0.8215,
0.1785

0.0000, 0.0000,
0.0000

59.0944, 0.3899,
0.3513

59.0944, 0.3899,
0.3513

50.5807, 0.4217,
0.3576

68.9248, 0.3628,
0.3447

43.3187, 0.4581,
0.3628

80.1165, 0.3402,
0.3382

37.2506, 0.4978,
0.3660

92.7222, 0.3214,
0.3321

32.3105, 0.5382,
0.3662

99.9993, 0.3127,
0.3290

■ 28.4254, 0.5750,
0.3625

■ 25.5130, 0.6038,
0.3548

■ 24.4476, 0.6142,
0.3505

Harmonies

Analogous

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



59.0944, 0.3723, 0.3194



59.0944, 0.3899, 0.3513



59.0944, 0.3851, 0.3801

Triad

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



59.0944, 0.3899, 0.3513



59.0944, 0.2853, 0.3718



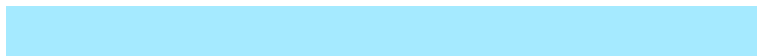
59.0944, 0.2645, 0.2655

Complementary

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



59.0944, 0.3899, 0.3513



74.0402, 0.2596, 0.3052

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.



59.0944, 0.2444, 0.2745



59.0944, 0.3899, 0.3513



59.0944, 0.2557, 0.3348

Square

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



59.0944, 0.3899, 0.3513



59.0944, 0.3235, 0.3955



59.0944, 0.2413, 0.2989



59.0944, 0.2981, 0.2718

Rectangle

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



59.0944, 0.3899, 0.3513



59.0944, 0.3703, 0.3935



59.0944, 0.2413, 0.2989



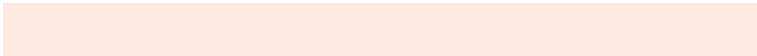
59.0944, 0.2560, 0.2667

Sweetspot

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



59.0972, 0.3899, 0.3513



85.3671, 0.3317, 0.3355



54.1008, 0.3339, 0.2598



17.9120, 0.3343, 0.3364



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.



59.0972, 0.3899, 0.3513



53.2536, 0.4107, 0.3556



81.1218, 0.3738, 0.3959



18.6758, 0.3289, 0.3346



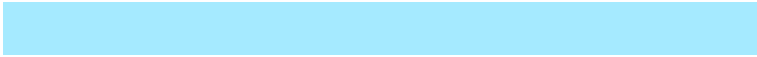
12.9619, 0.6115, 0.3527



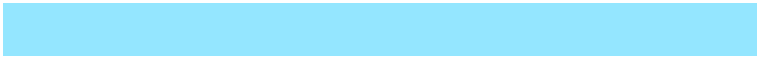
1.4203, 0.5901, 0.3696

Inverse Universe

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



74.0402, 0.2596, 0.3052



70.0859, 0.2505, 0.2999



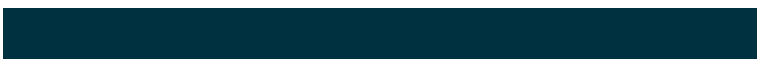
51.6035, 0.2522, 0.2515



19.7195, 0.2980, 0.3233



24.5038, 0.2032, 0.2515



2.5517, 0.2060, 0.2614

Previews

White Background



This preview shows how the Yxy color 59.0944, 0.3899, 0.3513 looks on a white background.

Color Contrast Check

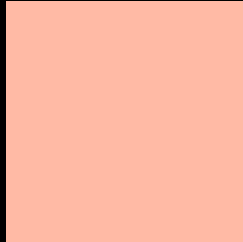
Large Text (above 18pt) WCAG AA × Fail

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 59.0944, 0.3899, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

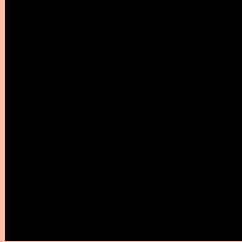
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0944, 0.3899, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 59.0944, 0.3899, 0.3513.



This preview shows how white text looks on a background with the Yxy color 59.0944, 0.3899, 0.3513.

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

59.0944, 0.3899, 0.3513

Protanopia

59.4043, 0.3430, 0.3632

Deuteranopia

58.8901, 0.3716, 0.3637



Tritanopia

59.1125, 0.3638, 0.3156

Trichromacy



Original Color

59.0944, 0.3899, 0.3513

Protanomaly

58.8761, 0.3594, 0.3587

Deuteranomaly

58.8192, 0.3778, 0.3587

Tritanomaly

59.0438, 0.3731, 0.3281

Monochromacy



Original Color

59.0944, 0.3899, 0.3513

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 59.0944, 0.3899, 0.3513 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, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 165) }
```

Border

The CSS property to change the border of an element to Yxy 59.0944, 0.3899, 0.3513 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, 186, 165) }
```

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

```
.border{ border-color:rgb(255, 186, 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, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0944, 0.3899, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 165) }
```

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

```
.background{ background-color: rgb(255,  
186, 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](#).

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