

Converting Colors

$Yxy(60.0824, 0.3902, 0.3553)$

Have a look what the booklet for
Yxy(60.0824, 0.3902, 0.3553)
contains.

| | |
|--|----|
| Yxy(59.9068, 0.3900, 0.3544) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(59.9068, 0.3900, 0.3544)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFBCA4 |
| RGB | 255, 188, 164 |
| RGB Percent | 100%, 74%, 64% |
| CMY | 0.0000, 0.2627, 0.3569 |
| CMYK | 0.00, 0.26, 0.36, 0.00 |
| HSL | 16°, 100%, 82% |
| HSV | 16°, 36%, 100% |
| XYZ | 65.9245, 59.9068, 43.2059 |
| YIQ | 205.2970, 47.6360, 6.7400 |

Conversions

Conversions Part 2

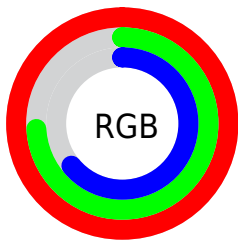
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 197, 164 |
| Decimal | 16759972 |
| CIE Lab | 81.79, 21.10, 21.63 |
| CIE LCh | 82, 30.215, 45.716 |
| Yxy | 59.9068, 0.3900, 0.3544 |
| Android (android.graphics.Color) | 4294950052 (0xFFFFBCA4) |
| YUV | 205.2970, -20.3594, 43.5895 |
| Hunter-Lab | 77.3995, 16.5872, 21.0828 |

Details

The Yxy color **59.9068, 0.3900, 0.3544** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.2558, 0.2586, 0.3017**, and the grayscale version is **61.3593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0758, 0.3354, 0.3537**, and **30.0904, 0.4110, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **51.5724, 0.4212, 0.3614**, and if you desaturate by 10%, it is **69.4732, 0.3633, 0.3470**.

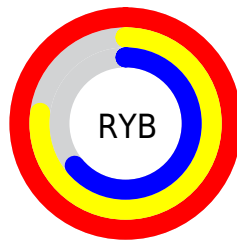
Distribution



Red (100%)

Green (74%)

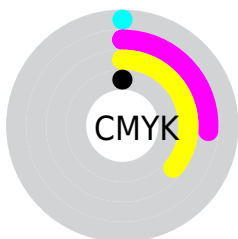
Blue (64%)



Red (100%)

Yellow (77%)

Blue (64%)

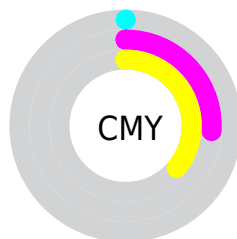


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9068, 0.3900, 0.3544 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 59.9068, 0.3900, 0.3544 by changing the saturation by 10% instead.


 59.9068, 0.3900,
0.3544

 59.9068, 0.3900,
0.3544


424.2542, 0.3526,
0.3435

 43.3435, 0.3989,
0.3566


 104.6945, 0.3767,
0.3508

 30.1547, 0.4100,
0.3592


 133.6876, 0.3717,
0.3493

 19.9561, 0.4244,
0.3622


167.5929, 0.3673,
0.3481

 12.3631, 0.4434,
0.3656

206.7946, 0.3636,
0.3469

 6.9915, 0.4699,
0.3690

251.6772, 0.3603,
0.3459

 3.4568, 0.5084,
0.3712

302.6251, 0.3575,

 1.3746, 0.6073,

0.3450

0.3927

360.0226, 0.3549,
0.3442

0.1979, 0.7804,
0.2196

0.0000, 0.0000,
0.0000

59.9068, 0.3900,
0.3544

59.9068, 0.3900,
0.3544

51.5724, 0.4212,
0.3614

69.4732, 0.3633,
0.3470

44.4127, 0.4566,
0.3674

80.3134, 0.3408,
0.3397

38.3750, 0.4951,
0.3711

92.4746, 0.3220,
0.3327

33.4000, 0.5341,
0.3716

100.0000, 0.3127,
0.3290

■ 29.4222, 0.5698,
0.3678

■ 26.3675, 0.5981,
0.3597

■ 25.3083, 0.6078,
0.3556

Harmonies

Analogous

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



59.9068, 0.3747, 0.3227



59.9068, 0.3900, 0.3544



59.9068, 0.3829, 0.3822

Triad

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



59.9068, 0.3900, 0.3544



59.9068, 0.2819, 0.3681



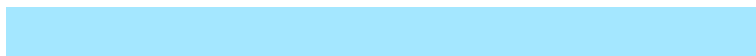
59.9068, 0.2677, 0.2658

Complementary

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



59.9068, 0.3900, 0.3544



72.2558, 0.2586, 0.3017

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.



59.9068, 0.2461, 0.2731



59.9068, 0.3900, 0.3544



59.9068, 0.2538, 0.3309

Square

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



59.9068, 0.3900, 0.3544



59.9068, 0.3194, 0.3936



59.9068, 0.2411, 0.2960



59.9068, 0.3021, 0.2736

Rectangle

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



59.9068, 0.3900, 0.3544



59.9068, 0.3671, 0.3946



59.9068, 0.2411, 0.2960



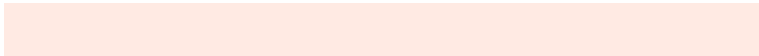
59.9068, 0.2588, 0.2665

Sweetspot

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



59.9088, 0.3900, 0.3544



85.8492, 0.3316, 0.3364



53.6483, 0.3355, 0.2604



18.0262, 0.3342, 0.3373



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.



59.9088, 0.3900, 0.3544



53.6966, 0.4123, 0.3596



81.7930, 0.3740, 0.3980



18.7664, 0.3288, 0.3353



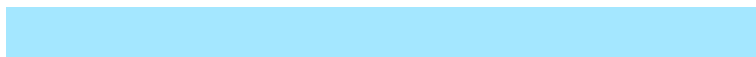
13.4299, 0.6050, 0.3578



1.4770, 0.5832, 0.3752

Inverse Universe

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



72.2558, 0.2586, 0.3017



67.7010, 0.2485, 0.2952



50.5437, 0.2512, 0.2486



19.6226, 0.2980, 0.3226



22.7593, 0.2002, 0.2408



2.3947, 0.2034, 0.2521

Previews

White Background



This preview shows how the Yxy color 59.9068, 0.3900, 0.3544 looks on a white background.

Color Contrast Check

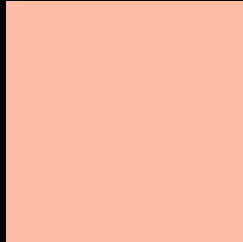
Large Text (above 18pt) WCAG AA × Fail

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 59.9068, 0.3900, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

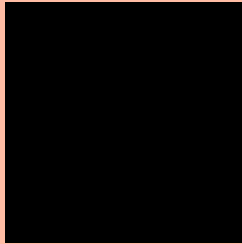
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9068, 0.3900, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 59.9068, 0.3900, 0.3544.



This preview shows how white text looks on a background with the Yxy color 59.9068, 0.3900, 0.3544.

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

59.9068, 0.3900, 0.3544

Protanopia

60.0992, 0.3460, 0.3665

Deuteranopia

60.1287, 0.3727, 0.3657



Tritanopia

60.0351, 0.3616, 0.3156

Trichromacy



Original Color

59.9068, 0.3900, 0.3544

Protanomaly

60.0383, 0.3621, 0.3630

Deuteranomaly

60.0174, 0.3796, 0.3617

Tritanomaly

59.9230, 0.3717, 0.3292

Monochromacy



Original Color

59.9068, 0.3900, 0.3544

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2525, 0.3387, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9068, 0.3900, 0.3544 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, 188, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 164)  
}
```

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, 188, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 164) }
```

Border

The CSS property to change the border of an element to Yxy 59.9068, 0.3900, 0.3544 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, 188, 164) }
```

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

```
.border{ border-color:rgb(255, 188, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9068, 0.3900, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 164) }
```

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

```
.background{ background-color: rgb(255,  
188, 164) }
```

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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