

Converting Colors

$Y_{xy}(59.9972, 0.3885, 0.3526)$

Have a look what the booklet for
Yxy(59.9972, 0.3885, 0.3526)
contains.

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Color

Yxy(59.9796, 0.3883, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCA6
RGB	255, 188, 166
RGB Percent	100%, 74%, 65%
CMY	0.0000, 0.2627, 0.3491
CMYK	0.00, 0.26, 0.35, 0.00
HSL	15°, 100%, 83%
HSV	15°, 35%, 100%
XYZ	66.1087, 59.9796, 44.1632
YIQ	205.5250, 46.9940, 7.3620

Conversions

Conversions Part 2

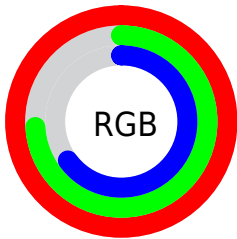
Format	Color
R _Y B	255, 195, 166
Decimal	16759974
CIE Lab	81.83, 21.34, 20.62
CIE LCh	82, 29.674, 44.022
Yxy	59.9796, 0.3883, 0.3523
Android (android.graphics.Color)	4294950054 (0xFFFFBCA6)
YUV	205.5250, -19.4858, 43.3896
Hunter-Lab	77.4465, 16.8370, 20.4029

Details

The Yxy color **59.9796, 0.3883, 0.3523** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5962, 0.2600, 0.3041**, and the grayscale version is **61.5054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1818, 0.3342, 0.3517**, and **30.1354, 0.4087, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **51.4726, 0.4195, 0.3589**, and if you desaturate by 10%, it is **69.7637, 0.3617, 0.3453**.

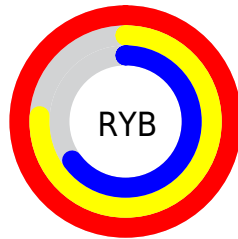
Distribution



Red (100%)

Green (74%)

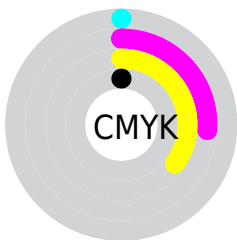
Blue (65%)



Red (100%)

Yellow (76%)

Blue (65%)

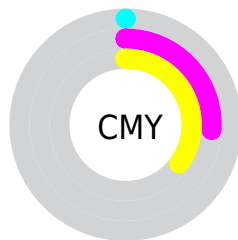


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9796, 0.3883, 0.3523 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 59.9796, 0.3883, 0.3523 by changing the saturation by 10% instead.

 59.9796, 0.3883,
0.3523


 59.9796, 0.3883,
0.3523


424.5226, 0.3518,
0.3423

 43.4022, 0.3970,
0.3543


 104.8001, 0.3753,
0.3490

 30.2008, 0.4079,
0.3567


 133.8119, 0.3704,
0.3477

 19.9911, 0.4220,
0.3594


167.7374, 0.3661,
0.3465

 12.3885, 0.4407,
0.3624

206.9609, 0.3625,
0.3455

 7.0089, 0.4667,
0.3654

251.8667, 0.3593,
0.3446

 3.4676, 0.5049,
0.3673

302.8393, 0.3565,

 1.3805, 0.6084,

0.3437

0.3916

360.2632, 0.3540,
0.3430

0.2023, 0.7790,
0.2210

0.0000, 0.0000,
0.0000

59.9796, 0.3883,
0.3523

59.9796, 0.3883,
0.3523

51.4726, 0.4195,
0.3589

69.7637, 0.3617,
0.3453

44.1875, 0.4553,
0.3646

80.8739, 0.3393,
0.3385

38.0670, 0.4943,
0.3682

93.3583, 0.3207,
0.3320

33.0486, 0.5341,
0.3687

100.0000, 0.3127,
0.3290

■ 29.0632, 0.5708,
0.3652

■ 26.0331, 0.5999,
0.3575

■ 24.8220, 0.6114,
0.3528

Harmonies

Analogous

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



59.9796, 0.3721, 0.3211



59.9796, 0.3883, 0.3523



59.9796, 0.3826, 0.3800

Triad

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



59.9796, 0.3883, 0.3523



59.9796, 0.2844, 0.3692



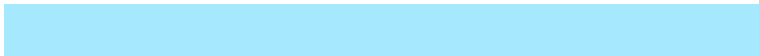
59.9796, 0.2669, 0.2669

Complementary

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



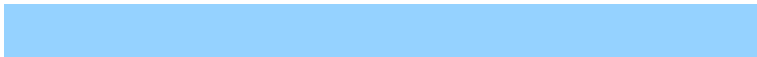
59.9796, 0.3883, 0.3523



73.5962, 0.2600, 0.3041

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.



59.9796, 0.2465, 0.2750



59.9796, 0.3883, 0.3523



59.9796, 0.2560, 0.3330

Square

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



59.9796, 0.3883, 0.3523



59.9796, 0.3215, 0.3932



59.9796, 0.2426, 0.2983



59.9796, 0.3002, 0.2737

Rectangle

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



59.9796, 0.3883, 0.3523



59.9796, 0.3677, 0.3927



59.9796, 0.2426, 0.2983



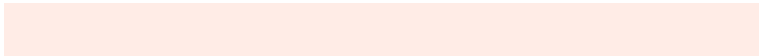
59.9796, 0.2584, 0.2679

Sweetspot

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



59.9801, 0.3883, 0.3523



86.8246, 0.3297, 0.3353



54.4822, 0.3336, 0.2606



18.2119, 0.3324, 0.3362



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.



59.9801, 0.3883, 0.3523



53.8167, 0.4100, 0.3571



81.3123, 0.3730, 0.3951



18.7166, 0.3288, 0.3349



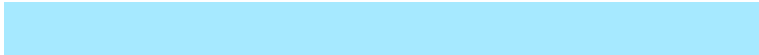
13.1657, 0.6086, 0.3549



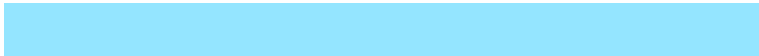
1.4453, 0.5870, 0.3721

Inverse Universe

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



73.5962, 0.2600, 0.3041



69.2763, 0.2502, 0.2982



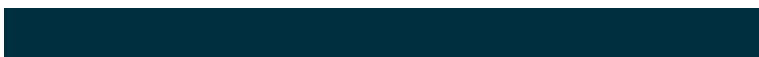
52.0338, 0.2530, 0.2525



19.6757, 0.2980, 0.3230



23.7047, 0.2019, 0.2467



2.4799, 0.2048, 0.2572

Previews

White Background



This preview shows how the Yxy color 59.9796, 0.3883, 0.3523 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 59.9796, 0.3883, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

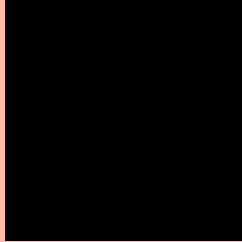
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9796, 0.3883, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 59.9796, 0.3883, 0.3523.



This preview shows how white text looks on a background with the Yxy color 59.9796, 0.3883, 0.3523.

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

59.9796, 0.3883, 0.3523

Protanopia

60.0251, 0.3436, 0.3642

Deuteranopia

60.2010, 0.3710, 0.3635



Tritanopia

60.0351, 0.3616, 0.3156

Trichromacy



Original Color

59.9796, 0.3883, 0.3523

Protanomaly

59.9485, 0.3597, 0.3608

Deuteranomaly

60.0896, 0.3780, 0.3595

Tritanomaly

59.9230, 0.3717, 0.3292

Monochromacy



Original Color

59.9796, 0.3883, 0.3523

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4557, 0.3388, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9796, 0.3883, 0.3523 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, 166)` looks like.

```
.text, #text, p{  
  color:rgb(255, 188, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 166) }
```

Border

The CSS property to change the border of an element to Yxy 59.9796, 0.3883, 0.3523 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, 166) }
```

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

```
.border{ border-color:rgb(255, 188, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9796, 0.3883, 0.3523 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
188, 166) }
```

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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