

Converting Colors

$Y_{xy}(59.3734, 0.3995, 0.3655)$

Have a look what the booklet for
Yxy(59.3734, 0.3995, 0.3655)
contains.

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Color

Yxy(59.5263, 0.3993, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC99
RGB	255, 188, 153
RGB Percent	100%, 74%, 60%
CMY	0.0002, 0.2626, 0.4000
CMYK	0.00, 0.26, 0.40, 0.00
HSL	21°, 100%, 80%
HSV	21°, 40%, 100%
XYZ	64.9600, 59.5263, 38.1983
YIQ	204.0430, 51.1670, 3.3190

Conversions

Conversions Part 2

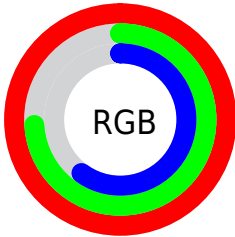
Format	Color
R _Y B	255, 206, 153
Decimal	16759961
CIE Lab	81.58, 19.82, 27.19
CIE LCh	82, 33.645, 53.903
Yxy	59.5263, 0.3993, 0.3659
Android (android.graphics.Color)	4294950041 (0xFFFFBC99)
YUV	204.0430, -25.1642, 44.6893
Hunter-Lab	77.1533, 15.2716, 24.6530

Details

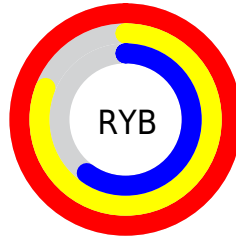
The Yxy color **59.5263, 0.3993, 0.3659** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1322, 0.2511, 0.2882**, and the grayscale version is **60.5501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5154, 0.3424, 0.3647**, and **30.0230, 0.4206, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **52.0331, 0.4299, 0.3747**, and if you desaturate by 10%, it is **68.0343, 0.3724, 0.3564**.

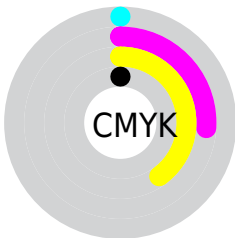
Distribution



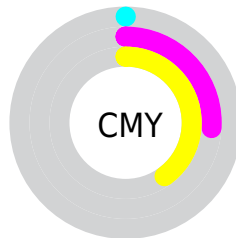
- Red (100%)
- Green (74%)
- Blue (60%)



- Red (100%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5263, 0.3993, 0.3659 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 59.5263, 0.3993, 0.3659 by changing the saturation by 10% instead.


 59.5263, 0.3993,
0.3659

 59.5263, 0.3993,
0.3659

422.8495, 0.3575,
0.3498

 43.0369, 0.4092,
0.3692


 104.1422, 0.3845,
0.3606

 29.9141, 0.4215,
0.3731


 133.0375, 0.3789,
0.3584

 19.7734, 0.4372,
0.3775


166.8370, 0.3740,
0.3565

 12.2304, 0.4579,
0.3826

205.9249, 0.3698,
0.3549

 6.9008, 0.4861,
0.3877

250.6857, 0.3662,
0.3534

 3.4001, 0.5270,
0.3922

301.5038, 0.3629,

 1.3440, 0.6015,

0.3521

0.3985

358.7636, 0.3601,
0.3509

0.1749, 0.7880,
0.2120

0.0000, 0.0000,
0.0000

59.5263, 0.3993,
0.3659

59.5263, 0.3993,
0.3659

52.0331, 0.4299,
0.3747

68.0343, 0.3724,
0.3564

45.5064, 0.4636,
0.3817

77.5860, 0.3492,
0.3469

39.9064, 0.4990,
0.3858

88.2195, 0.3295,
0.3377

35.1866, 0.5336,
0.3858

99.9685, 0.3127,
0.3290

■ 31.2957, 0.5641, 99.9914, 0.3127,
0.3806 0.3290

■ 28.1684, 0.5884,
0.3710

■ 28.1664, 0.5885,
0.3710

Harmonies

Analogous

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



59.5263, 0.3890, 0.3312



59.5263, 0.3993, 0.3659



59.5263, 0.3846, 0.3945

Triad

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



59.5263, 0.3993, 0.3659



59.5263, 0.2684, 0.3620



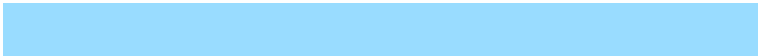
59.5263, 0.2718, 0.2599

Complementary

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



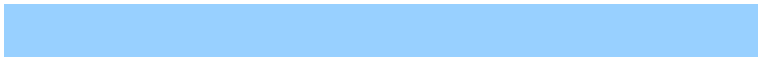
59.5263, 0.3993, 0.3659



65.1322, 0.2511, 0.2882

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.



59.5263, 0.2436, 0.2630



59.5263, 0.3993, 0.3659



59.5263, 0.2416, 0.3192

Square

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



59.5263, 0.3993, 0.3659



59.5263, 0.3080, 0.3960



59.5263, 0.2330, 0.2834



59.5263, 0.3127, 0.2726

Rectangle

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



59.5263, 0.3993, 0.3659



59.5263, 0.3635, 0.4054



59.5263, 0.2330, 0.2834



59.5263, 0.2607, 0.2590

Sweetspot

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



59.5292, 0.3993, 0.3659



86.0313, 0.3332, 0.3395



49.2497, 0.3468, 0.2601



18.1096, 0.3356, 0.3407



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.



59.5292, 0.3993, 0.3659



53.4696, 0.4235, 0.3730



84.6774, 0.3790, 0.4139



19.0074, 0.3286, 0.3372



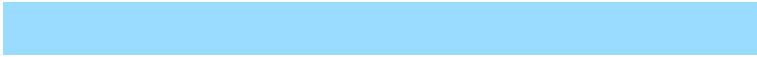
14.9722, 0.5855, 0.3733



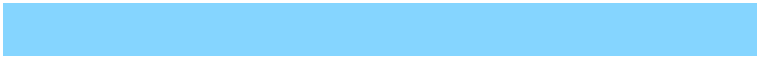
1.6518, 0.5636, 0.3907

Inverse Universe

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



65.1322, 0.2511, 0.2882



59.7331, 0.2397, 0.2783



42.7323, 0.2414, 0.2265



19.3687, 0.2980, 0.3206



18.5753, 0.1923, 0.2122



2.0122, 0.1964, 0.2270

Previews

White Background



This preview shows how the Yxy color 59.5263, 0.3993, 0.3659 looks on a white background.

Color Contrast Check

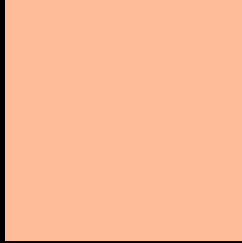
Large Text (above 18pt) WCAG AA × Fail

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 59.5263, 0.3993, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

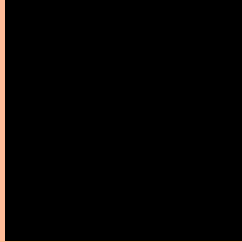
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5263, 0.3993, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 59.5263, 0.3993, 0.3659.



This preview shows how white text looks on a background with the Yxy color 59.5263, 0.3993, 0.3659.

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

59.5263, 0.3993, 0.3659

Protanopia

59.8489, 0.3552, 0.3794

Deuteranopia

59.8225, 0.3845, 0.3763



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.5263, 0.3993, 0.3659

Protanomaly

59.6455, 0.3708, 0.3754

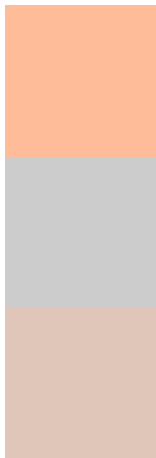
Deuteranomaly

59.3787, 0.3899, 0.3724

Tritanomaly

59.2941, 0.3763, 0.3334

Monochromacy



Original Color

59.5263, 0.3993, 0.3659

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5789, 0.3428, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5263, 0.3993, 0.3659 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 153) }
```

Border

The CSS property to change the border of an element to Yxy 59.5263, 0.3993, 0.3659 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, 153) }
```

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

```
.border{ border-color:rgb(255, 188, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5263, 0.3993, 0.3659 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
188, 153) }
```

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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