

Converting Colors

Yxy(61.5228, 0.3954, 0.3698)

Have a look what the booklet for
Yxy(61.5228, 0.3954, 0.3698)
contains.

Yxy(61.5439, 0.3955, 0.3701)	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(61.5439, 0.3955, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	FEC19A
RGB	254, 193, 154
RGB Percent	100%, 76%, 60%
CMY	0.0040, 0.2431, 0.3961
CMYK	0.00, 0.24, 0.39, 0.00
HSL	23°, 98%, 80%
HSV	23°, 39%, 100%
XYZ	65.7677, 61.5439, 38.9784
YIQ	206.7930, 48.8750, 0.8030

Conversions

Conversions Part 2

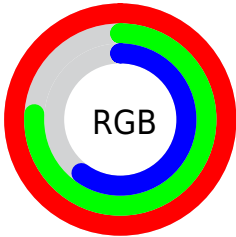
Format	Color
R_{YB}	254, 218, 154
Decimal	16695706
CIE _{Lab}	82.67, 16.94, 28.11
CIE _{LCh}	83, 32.821, 58.926
Yxy	61.5439, 0.3955, 0.3701
Android (android.graphics.Color)	4294885786 (0xFFFE _{C19A})
YUV	206.7930, -26.0269, 41.4005
Hunter-Lab	78.4499, 12.3562, 25.4563

Details

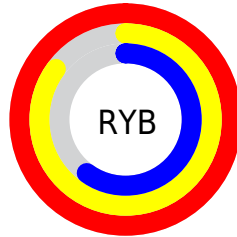
The Yxy color **61.5439, 0.3955, 0.3701** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.5941, 0.2511, 0.2832**, and the grayscale version is **62.4041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2347, 0.3408, 0.3694**, and **31.0466, 0.4156, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **54.2964, 0.4245, 0.3801**, and if you desaturate by 10%, it is **69.6930, 0.3698, 0.3594**.

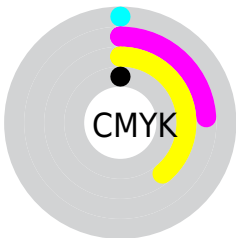
Distribution



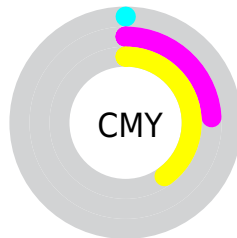
- Red (100%)
- Green (76%)
- Blue (60%)



- Red (100%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5439, 0.3955, 0.3701 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 61.5439, 0.3955, 0.3701 by changing the saturation by 10% instead.


 61.5439, 0.3955,
0.3701

 61.5439, 0.3955,
0.3701

430.2654, 0.3559,
0.3519

 44.6643, 0.4048,
0.3739

 107.0661, 0.3815,
0.3640

 31.1931, 0.4163,
0.3784


 136.4774, 0.3762,
0.3616

 20.7459, 0.4310,
0.3837

170.8347, 0.3716,
0.3595

 12.9384, 0.4502,
0.3899

210.5225, 0.3676,
0.3576

 7.3861, 0.4761,
0.3968

255.9250, 0.3641,
0.3560

 3.7047, 0.5128,
0.4036

307.4268, 0.3610,

 1.5098, 0.5829,

0.3545

0.4171

365.4121, 0.3583,
0.3531

0.2956, 0.7014,
0.2986

0.0000, 0.0000,
0.0000

61.5439, 0.3955,
0.3701

61.5439, 0.3955,
0.3701

54.2964, 0.4245,
0.3801

69.6930, 0.3698,
0.3594

47.9083, 0.4561,
0.3885

78.7663, 0.3474,
0.3486

42.3469, 0.4892,
0.3939

88.7964, 0.3282,
0.3382

37.5734, 0.5216,
0.3950

99.7745, 0.3121,
0.3290

■ 33.5447, 0.5507, 99.8059, 0.3121,
0.3908 0.3290

■ 30.2069, 0.5743,
0.3817

■ 30.0168, 0.5757,
0.3811

Harmonies

Analogous

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



61.5439, 0.3896, 0.3369



61.5439, 0.3955, 0.3701



61.5439, 0.3778, 0.3957

Triad

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



61.5439, 0.3955, 0.3701



61.5439, 0.2645, 0.3541



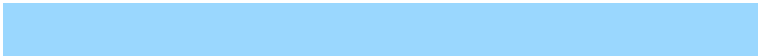
61.5439, 0.2792, 0.2632

Complementary

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



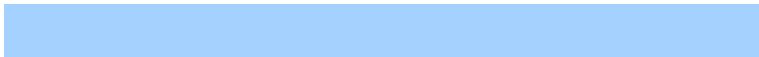
61.5439, 0.3955, 0.3701



62.5941, 0.2511, 0.2832

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.



61.5439, 0.2494, 0.2635



61.5439, 0.3955, 0.3701



61.5439, 0.2413, 0.3131

Square

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



61.5439, 0.3955, 0.3701



61.5439, 0.3013, 0.3892



61.5439, 0.2361, 0.2806



61.5439, 0.3200, 0.2778

Rectangle

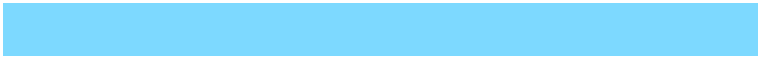
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.5439, 0.3955, 0.3701



61.5439, 0.3558, 0.4039



61.5439, 0.2361, 0.2806



61.5439, 0.2677, 0.2615

Sweetspot

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



61.5468, 0.3955, 0.3701



86.8535, 0.3330, 0.3409



49.1124, 0.3507, 0.2659



18.3025, 0.3354, 0.3422



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.



61.5468, 0.3955, 0.3701



56.4431, 0.4173, 0.3779



87.0866, 0.3760, 0.4170



19.1500, 0.3285, 0.3383



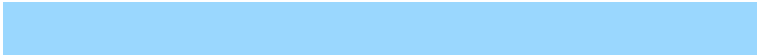
16.0947, 0.5728, 0.3834



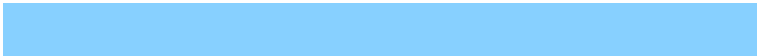
1.7720, 0.5517, 0.4001

Inverse Universe

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



62.5941, 0.2511, 0.2832



57.5996, 0.2398, 0.2726



41.1690, 0.2417, 0.2222



19.2211, 0.2979, 0.3195



16.4002, 0.1876, 0.1954



1.8094, 0.1923, 0.2123

Previews

White Background



This preview shows how the Yxy color 61.5439, 0.3955, 0.3701 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 61.5439, 0.3955, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

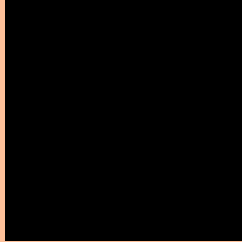
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5439, 0.3955, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 61.5439, 0.3955, 0.3701.



This preview shows how white text looks on a background with the Yxy color 61.5439, 0.3955, 0.3701.

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

61.5439, 0.3955, 0.3701

Protanopia

61.8963, 0.3576, 0.3821

Deuteranopia

61.7428, 0.3850, 0.3779



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.5439, 0.3955, 0.3701

Protanomaly

61.3977, 0.3707, 0.3772

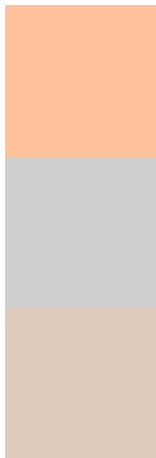
Deuteranomaly

61.5539, 0.3892, 0.3752

Tritanomaly

61.5476, 0.3723, 0.3354

Monochromacy



Original Color

61.5439, 0.3955, 0.3701

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7192, 0.3406, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5439, 0.3955, 0.3701 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(254, 193, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 154)  
}
```

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(254, 193, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 154) }
```

Border

The CSS property to change the border of an element to Yxy 61.5439, 0.3955, 0.3701 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(254, 193, 154) }
```

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

```
.border{ border-color:rgb(254, 193, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 193, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5439, 0.3955, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 154) }
```

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

```
.background{ background-color: rgb(254,  
193, 154) }
```

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