

Converting Colors

$Y_{xy}(62.2025, 0.3954, 0.3717)$

Have a look what the booklet for
Yxy(62.2025, 0.3954, 0.3717)
contains.

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Color

Yxy(61.9875, 0.3951, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	FEC29A
RGB	254, 194, 154
RGB Percent	100%, 76%, 60%
CMY	0.0039, 0.2392, 0.3961
CMYK	0.00, 0.24, 0.39, 0.00
HSL	24°, 98%, 80%
HSV	24°, 39%, 100%
XYZ	65.9964, 61.9875, 39.0533
YIQ	207.3800, 48.6000, 0.2800

Conversions

Conversions Part 2

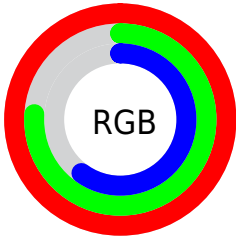
Format	Color
R _Y B	254, 221, 154
Decimal	16695962
CIE Lab	82.91, 16.43, 28.43
CIE LCh	83, 32.836, 59.970
Yxy	61.9875, 0.3951, 0.3711
Android (android.graphics.Color)	4294886042 (0xFFFE C29A)
YUV	207.3800, -26.3163, 40.8857
Hunter-Lab	78.7321, 11.8445, 25.7030

Details

The Yxy color $61.9875, 0.3951, 0.3711$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $62.1081, 0.2509, 0.2820$, and the grayscale version is $62.8055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8578, 0.3406, 0.3703$, and $31.3375, 0.4149, 0.3787$ is the 20% darker color. If you saturate the color by 10%, you get $54.7934, 0.4238, 0.3814$, and if you desaturate by 10%, it is $70.0619, 0.3696, 0.3601$.

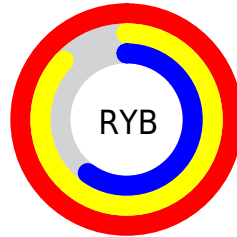
Distribution



Red (100%)

Green (76%)

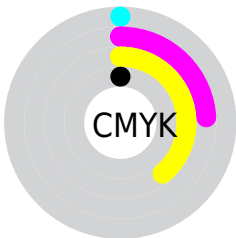
Blue (60%)



Red (100%)

Yellow (87%)

Blue (60%)

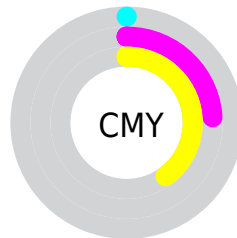


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9875, 0.3951, 0.3711 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 61.9875, 0.3951, 0.3711 by changing the saturation by 10% instead.

 61.9875, 0.3951,
0.3711


 61.9875, 0.3951,
0.3711


431.8855, 0.3557,
0.3525

 45.0226, 0.4043,
0.3750


 107.7075, 0.3812,
0.3649

 31.4752, 0.4157,
0.3797


 137.2313, 0.3759,
0.3624

 20.9610, 0.4303,
0.3851


171.7103, 0.3713,
0.3602

 13.0955, 0.4492,
0.3916

211.5287, 0.3674,
0.3583

 7.4943, 0.4748,
0.3988

257.0711, 0.3639,
0.3566

 3.7731, 0.5108,
0.4060

308.7217, 0.3609,

 1.5475, 0.5795,

0.3551

0.4205

366.8651, 0.3581,
0.3537

0.3218, 0.6872,
0.3128

0.0000, 0.0000,
0.0000

61.9875, 0.3951,
0.3711

61.9875, 0.3951,
0.3711

54.7934, 0.4238,
0.3814

70.0619, 0.3696,
0.3601

48.4386, 0.4550,
0.3900

79.0381, 0.3474,
0.3491

42.8914, 0.4877,
0.3956

88.9479, 0.3282,
0.3384

38.1143, 0.5196,
0.3969

99.7805, 0.3121,
0.3290

■ 34.0658, 0.5482, 99.8105, 0.3121,
0.3929 0.3290

■ 30.6933, 0.5715,
0.3839

■ 30.5019, 0.5729,
0.3833

Harmonies

Analogous

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



61.9875, 0.3901, 0.3381



61.9875, 0.3951, 0.3711



61.9875, 0.3767, 0.3962

Triad

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



61.9875, 0.3951, 0.3711



61.9875, 0.2635, 0.3526



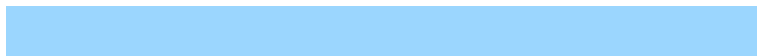
61.9875, 0.2806, 0.2636

Complementary

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



61.9875, 0.3951, 0.3711



62.1081, 0.2509, 0.2820

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.



61.9875, 0.2503, 0.2634



61.9875, 0.3951, 0.3711



61.9875, 0.2409, 0.3118

Square

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



61.9875, 0.3951, 0.3711



61.9875, 0.3000, 0.3882



61.9875, 0.2364, 0.2798



61.9875, 0.3215, 0.2787

Rectangle

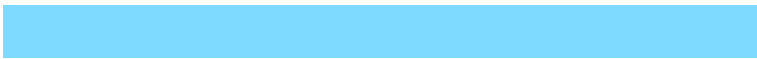
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9875, 0.3951, 0.3711



61.9875, 0.3544, 0.4039



61.9875, 0.2364, 0.2798



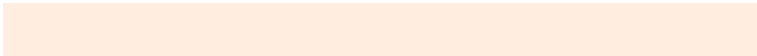
61.9875, 0.2689, 0.2617

Sweetspot

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



61.9905, 0.3951, 0.3711



87.0262, 0.3330, 0.3412



49.0333, 0.3523, 0.2675



18.3430, 0.3354, 0.3425



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.



61.9905, 0.3951, 0.3711



56.9248, 0.4167, 0.3791



88.1032, 0.3754, 0.4184



19.1799, 0.3284, 0.3386



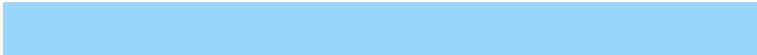
16.3507, 0.5700, 0.3856



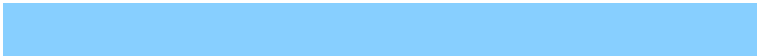
1.7989, 0.5492, 0.4021

Inverse Universe

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



62.1081, 0.2509, 0.2820



57.0297, 0.2395, 0.2711



40.5725, 0.2414, 0.2201



19.1903, 0.2979, 0.3193



15.9708, 0.1867, 0.1920



1.7690, 0.1914, 0.2092

Previews

White Background



This preview shows how the Yxy color 61.9875, 0.3951, 0.3711 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 61.9875, 0.3951, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

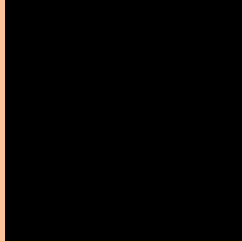
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9875, 0.3951, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 61.9875, 0.3951, 0.3711.



This preview shows how white text looks on a background with the Yxy color 61.9875, 0.3951, 0.3711.

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

61.9875, 0.3951, 0.3711

Protanopia

62.0528, 0.3585, 0.3820

Deuteranopia

61.9212, 0.3859, 0.3777



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

61.9875, 0.3951, 0.3711

Protanomaly

62.0333, 0.3712, 0.3782

Deuteranomaly

62.1889, 0.3896, 0.3761

Tritanomaly

62.0244, 0.3711, 0.3354

Monochromacy



Original Color

61.9875, 0.3951, 0.3711

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 61.9875, 0.3951, 0.3711 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, 194, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 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, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 154) }
```

Border

The CSS property to change the border of an element to Yxy 61.9875, 0.3951, 0.3711 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, 194, 154) }
```

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

```
.border{ border-color:rgb(254, 194, 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, 194, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9875, 0.3951, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 154) }
```

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

```
.background{ background-color: rgb(254,  
194, 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](#).

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