

Converting Colors

$Yxy(62.8121, 0.3941, 0.3707)$

Have a look what the booklet for
Yxy(62.8121, 0.3941, 0.3707)
contains.

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Color

Yxy(62.6905, 0.3939, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	FFC39C
RGB	255, 195, 156
RGB Percent	100%, 76%, 61%
CMY	0.0000, 0.2353, 0.3883
CMYK	0.00, 0.24, 0.39, 0.00
HSL	24°, 100%, 81%
HSV	24°, 39%, 100%
XYZ	66.7580, 62.6905, 40.0311
YIQ	208.4940, 48.2790, 0.5910

Conversions

Conversions Part 2

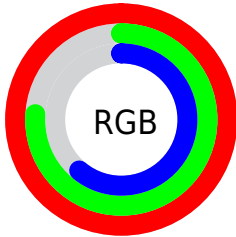
Format	Color
R _Y B	255, 220, 156
Decimal	16761756
CIE Lab	83.28, 16.52, 27.89
CIE LCh	83, 32.421, 59.358
Yxy	62.6905, 0.3939, 0.3699
Android (android.graphics.Color)	4294951836 (0xFFFFC39C)
YUV	208.4940, -25.8795, 40.7858
Hunter-Lab	79.1773, 11.9411, 25.4478

Details

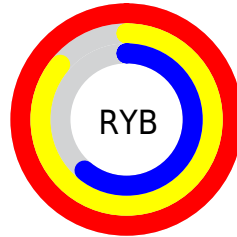
The Yxy color **62.6905, 0.3939, 0.3699** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.3946, 0.2519, 0.2835**, and the grayscale version is **63.5616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5840, 0.3392, 0.3693**, and **31.7850, 0.4143, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **55.3462, 0.4226, 0.3801**, and if you desaturate by 10%, it is **70.9351, 0.3684, 0.3590**.

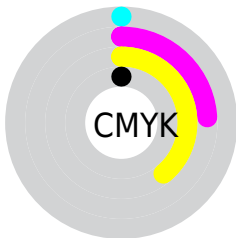
Distribution



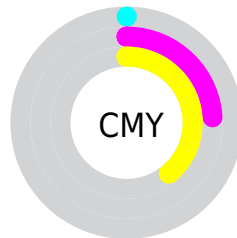
- Red (100%)
- Green (76%)
- Blue (61%)



- Red (100%)
- Yellow (86%)
- Blue (61%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6905, 0.3939, 0.3699 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 62.6905, 0.3939, 0.3699 by changing the saturation by 10% instead.


 62.6905, 0.3939,
0.3699


 62.6905, 0.3939,
0.3699


434.4454, 0.3551,
0.3518

 45.5909, 0.4029,
0.3737


 108.7229, 0.3803,
0.3639

 31.9231, 0.4142,
0.3782

 138.4244, 0.3750,
0.3615

 21.3028, 0.4284,
0.3835


173.0954, 0.3705,
0.3593

 13.3455, 0.4471,
0.3898

213.1202, 0.3666,
0.3575

 7.6669, 0.4722,
0.3968

258.8832, 0.3632,
0.3558

 3.8825, 0.5073,
0.4037

310.7688, 0.3602,

 1.6081, 0.5789,

0.3544

0.4211

369.1614, 0.3575,
0.3530

0.3630, 0.6734,
0.3266

0.0000, 0.0000,
0.0000

62.6905, 0.3939,
0.3699

62.6905, 0.3939,
0.3699

55.3462, 0.4226,
0.3801

70.9351, 0.3684,
0.3590

48.8655, 0.4540,
0.3886

80.1078, 0.3463,
0.3482

43.2143, 0.4869,
0.3943

90.2392, 0.3272,
0.3377

38.3538, 0.5192,
0.3958

100.0000, 0.3127,
0.3290

■ 34.2416, 0.5483,
0.3920

■ 30.8256, 0.5721,
0.3831

■ 30.4650, 0.5747,
0.3819

Harmonies

Analogous

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



62.6905, 0.3884, 0.3374



62.6905, 0.3939, 0.3699



62.6905, 0.3762, 0.3948

Triad

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



62.6905, 0.3939, 0.3699



62.6905, 0.2649, 0.3531



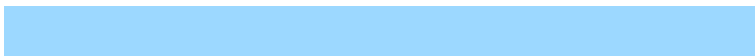
62.6905, 0.2803, 0.2644

Complementary

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



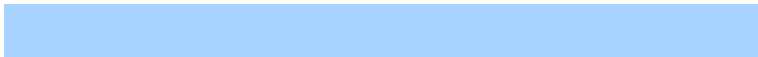
62.6905, 0.3939, 0.3699



63.3946, 0.2519, 0.2835

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.



62.6905, 0.2508, 0.2645



62.6905, 0.3939, 0.3699



62.6905, 0.2423, 0.3129

Square

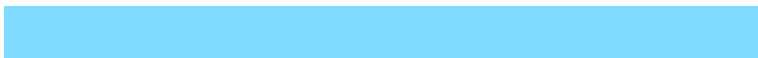
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6905, 0.3939, 0.3699



62.6905, 0.3010, 0.3877



62.6905, 0.2374, 0.2811



62.6905, 0.3205, 0.2790

Rectangle

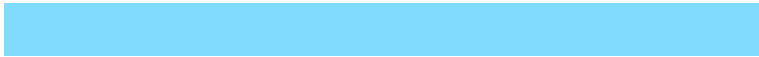
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6905, 0.3939, 0.3699



62.6905, 0.3545, 0.4026



62.6905, 0.2374, 0.2811



62.6905, 0.2690, 0.2627

Sweetspot

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



62.6916, 0.3939, 0.3699



86.9177, 0.3330, 0.3410



50.0472, 0.3500, 0.2668



18.3175, 0.3354, 0.3423



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.



62.6916, 0.3939, 0.3699



56.6218, 0.4171, 0.3783



88.0306, 0.3752, 0.4158



19.1611, 0.3284, 0.3384



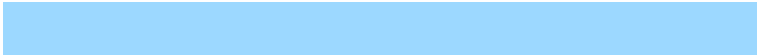
16.1890, 0.5717, 0.3842



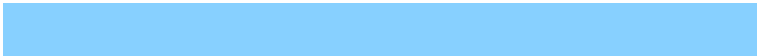
1.7819, 0.5508, 0.4009

Inverse Universe

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



63.3946, 0.2519, 0.2835



57.3872, 0.2397, 0.2720



42.1248, 0.2428, 0.2239



19.2096, 0.2979, 0.3194



16.2396, 0.1873, 0.1941



1.7943, 0.1920, 0.2111

Previews

White Background



This preview shows how the Yxy color 62.6905, 0.3939, 0.3699 looks on a white background.

Color Contrast Check

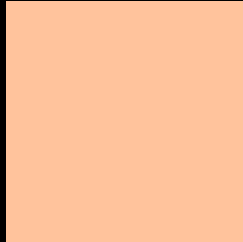
Large Text (above 18pt) WCAG AA × Fail

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 62.6905, 0.3939, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

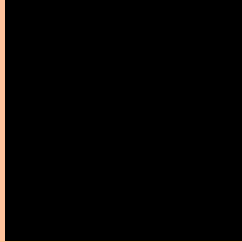
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6905, 0.3939, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 62.6905, 0.3939, 0.3699.



This preview shows how white text looks on a background with the Yxy color 62.6905, 0.3939, 0.3699.

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

62.6905, 0.3939, 0.3699

Protanopia

62.7639, 0.3575, 0.3806

Deuteranopia

62.6259, 0.3847, 0.3765



Tritanopia

62.8812, 0.3553, 0.3157

Trichromacy



Original Color

62.6905, 0.3939, 0.3699

Protanomaly

62.7424, 0.3702, 0.3768

Deuteranomaly

62.8945, 0.3885, 0.3748

Tritanomaly

62.5471, 0.3692, 0.3344

Monochromacy



Original Color

62.6905, 0.3939, 0.3699

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3935, 0.3404, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6905, 0.3939, 0.3699 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, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 156)  
}
```

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, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 156) }
```

Border

The CSS property to change the border of an element to Yxy 62.6905, 0.3939, 0.3699 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, 195, 156) }
```

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

```
.border{ border-color:rgb(255, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6905, 0.3939, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 156) }
```

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

```
.background{ background-color: rgb(255,  
195, 156) }
```

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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