

Converting Colors

$Y_{xy}(69.2993, 0.4138, 0.3618)$

Have a look what the booklet for
Yxy(69.2993, 0.4138, 0.3618)
contains.

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Color

Yxy(63.3131, 0.3894, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4A1
RGB	255, 196, 161
RGB Percent	100%, 77%, 63%
CMY	0.0000, 0.2314, 0.3685
CMYK	0.00, 0.23, 0.37, 0.00
HSL	22°, 100%, 82%
HSV	22°, 37%, 100%
XYZ	67.4162, 63.3131, 42.3992
YIQ	209.6510, 46.3990, 1.6230

Conversions

Conversions Part 2

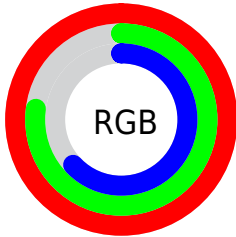
Format	Color
R _Y B	255, 217, 161
Decimal	16762017
CIE Lab	83.61, 16.57, 25.69
CIE LCh	84, 30.568, 57.179
Yxy	63.3131, 0.3894, 0.3657
Android (android.graphics.Color)	4294952097 (0xFFFFC4A1)
YUV	209.6510, -23.9849, 39.7711
Hunter-Lab	79.5695, 11.9896, 24.1056

Details

The Yxy color **63.3131, 0.3894, 0.3657** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.0016, 0.2552, 0.2887**, and the grayscale version is **64.3478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4684, 0.3360, 0.3652**, and **32.3204, 0.4094, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **55.6638, 0.4181, 0.3755**, and if you desaturate by 10%, it is **71.9209, 0.3642, 0.3554**.

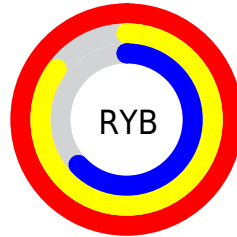
Distribution



Red (100%)

Green (77%)

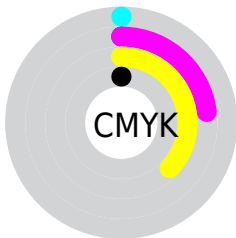
Blue (63%)



Red (100%)

Yellow (85%)

Blue (63%)

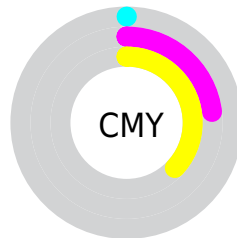


Cyan (0%)

Magenta (23%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3131, 0.3894, 0.3657 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 63.3131, 0.3894, 0.3657 by changing the saturation by 10% instead.

 63.3131, 0.3894,
0.3657


 63.3131, 0.3894,
0.3657

436.7049, 0.3528,
0.3495

 46.0946, 0.3980,
0.3691


 109.6211, 0.3765,
0.3603

 32.3204, 0.4086,
0.3732


 139.4793, 0.3716,
0.3581

 21.6064, 0.4222,
0.3780

174.3196, 0.3673,
0.3562

 13.5680, 0.4399,
0.3837

214.5262, 0.3636,
0.3545

 7.8208, 0.4641,
0.3903

260.4837, 0.3604,
0.3531

 3.9805, 0.4981,
0.3969

312.5764, 0.3576,

 1.6627, 0.5782,

0.3518

0.4218

371.1886, 0.3551,
0.3506

0.3993, 0.6625,
0.3375

0.0000, 0.0000,
0.0000

63.3131, 0.3894,
0.3657

63.3131, 0.3894,
0.3657

55.6638, 0.4181,
0.3755

71.9209, 0.3642,
0.3554

48.9311, 0.4498,
0.3839

81.5141, 0.3425,
0.3451

43.0797, 0.4836,
0.3898

92.1263, 0.3238,
0.3354

38.0685, 0.5173,
0.3917

100.0000, 0.3127,
0.3290

■ 33.8527, 0.5483,
0.3886

■ 30.3810, 0.5737,
0.3803

■ 29.4265, 0.5808,
0.3771

Harmonies

Analogous

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



63.3131, 0.3826, 0.3348



63.3131, 0.3894, 0.3657



63.3131, 0.3744, 0.3898

Triad

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



63.3131, 0.3894, 0.3657



63.3131, 0.2699, 0.3543



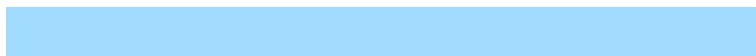
63.3131, 0.2799, 0.2675

Complementary

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



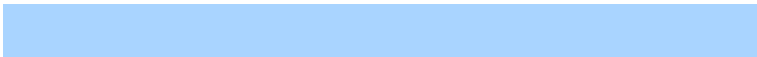
63.3131, 0.3894, 0.3657



66.0016, 0.2552, 0.2887

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.



63.3131, 0.2529, 0.2689



63.3131, 0.3894, 0.3657



63.3131, 0.2474, 0.3167

Square

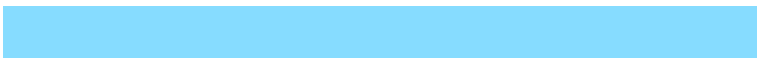
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3131, 0.3894, 0.3657



63.3131, 0.3046, 0.3857



63.3131, 0.2414, 0.2858



63.3131, 0.3172, 0.2804

Rectangle

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



63.3131, 0.3894, 0.3657



63.3131, 0.3547, 0.3977



63.3131, 0.2414, 0.2858



63.3131, 0.2694, 0.2663

Sweetspot

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



63.3153, 0.3894, 0.3657



87.5972, 0.3312, 0.3394



51.9568, 0.3461, 0.2685



18.4410, 0.3337, 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.



63.3153, 0.3894, 0.3657



57.7497, 0.4096, 0.3728



87.6192, 0.3724, 0.4101



19.0944, 0.3285, 0.3379



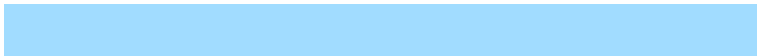
15.6376, 0.5778, 0.3794



1.7236, 0.5564, 0.3964

Inverse Universe

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



66.0016, 0.2552, 0.2887



60.7530, 0.2446, 0.2793



44.9027, 0.2471, 0.2321



19.2785, 0.2979, 0.3199



17.2235, 0.1894, 0.2019



1.8866, 0.1939, 0.2180

Previews

White Background



This preview shows how the Yxy color 63.3131, 0.3894, 0.3657 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 63.3131, 0.3894, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

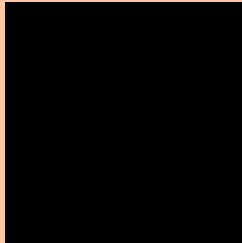
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3131, 0.3894, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 63.3131, 0.3894, 0.3657.



This preview shows how white text looks on a background with the Yxy color 63.3131, 0.3894, 0.3657.

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

63.3131, 0.3894, 0.3657

Protanopia

63.4314, 0.3535, 0.3759

Deuteranopia

63.2591, 0.3804, 0.3722



Tritanopia

63.3671, 0.3543, 0.3157

Trichromacy



Original Color

63.3131, 0.3894, 0.3657

Protanomaly

63.3948, 0.3660, 0.3723

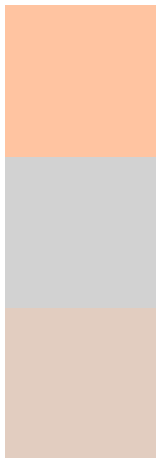
Deuteranomaly

63.5247, 0.3841, 0.3706

Tritanomaly

63.0741, 0.3673, 0.3333

Monochromacy



Original Color

63.3131, 0.3894, 0.3657

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6372, 0.3386, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3131, 0.3894, 0.3657 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, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 161)  
}
```

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, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 161) }
```

Border

The CSS property to change the border of an element to Yxy 63.3131, 0.3894, 0.3657 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, 196, 161) }
```

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

```
.border{ border-color:rgb(255, 196, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3131, 0.3894, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 161) }
```

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

```
.background{ background-color: rgb(255,  
196, 161) }
```

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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