

Converting Colors

$Yxy(68.2196, 0.4134, 0.3592)$

Have a look what the booklet for
Yxy(68.2196, 0.4134, 0.3592)
contains.

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Color

Yxy(62.4522, 0.3894, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2A2
RGB	255, 194, 162
RGB Percent	100%, 76%, 64%
CMY	0.0000, 0.2392, 0.3648
CMYK	0.00, 0.24, 0.36, 0.00
HSL	21°, 100%, 82%
HSV	21°, 36%, 100%
XYZ	67.0496, 62.4522, 42.6851
YIQ	208.5910, 46.6280, 2.9800

Conversions

Conversions Part 2

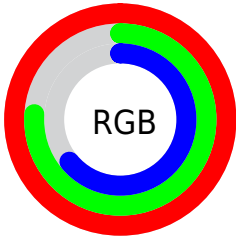
Format	Color
R _Y B	255, 211, 162
Decimal	16761506
CIE Lab	83.15, 17.71, 24.58
CIE LCh	83, 30.296, 54.220
Yxy	62.4522, 0.3894, 0.3627
Android (android.graphics.Color)	4294951586 (0xFFFFC2A2)
YUV	208.5910, -22.9694, 40.7007
Hunter-Lab	79.0267, 13.1502, 23.2941

Details

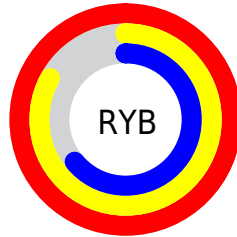
The Yxy color $62.4522, 0.3894, 0.3627$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $67.6450, 0.2562, 0.2922$, and the grayscale version is $63.6098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.2641, 0.3357, 0.3623$, and $31.7523, 0.4095, 0.3692$ is the 20% darker color. If you saturate the color by 10%, you get $54.6113, 0.4187, 0.3718$, and if you desaturate by 10%, it is $71.3198, 0.3638, 0.3531$.

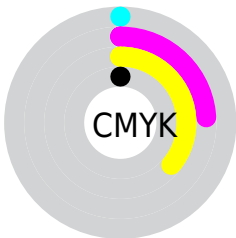
Distribution



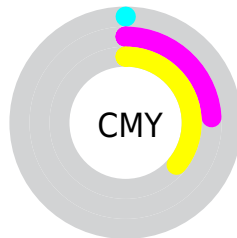
- Red (100%)
- Green (76%)
- Blue (64%)



- Red (100%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4522, 0.3894, 0.3627 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 62.4522, 0.3894, 0.3627 by changing the saturation by 10% instead.

 62.4522, 0.3894,
0.3627

 62.4522, 0.3894,
0.3627


433.5787, 0.3527,
0.3479

 45.3982, 0.3980,
0.3658


 108.3788, 0.3765,
0.3578

 31.7712, 0.4088,
0.3695


 138.0202, 0.3715,
0.3558

 21.1868, 0.4225,
0.3738

172.6262, 0.3672,
0.3540

 13.2606, 0.4406,
0.3790

212.5812, 0.3635,
0.3525

 7.6082, 0.4653,
0.3848

258.2695, 0.3603,
0.3512

 3.8453, 0.5004,
0.3903

310.0756, 0.3575,

 1.5874, 0.5854,

0.3500

0.4146

368.3838, 0.3549,
0.3489

0.3491, 0.6864,
0.3136

0.0000, 0.0000,
0.0000

62.4522, 0.3894,
0.3627

62.4522, 0.3894,
0.3627

54.6113, 0.4187,
0.3718

71.3198, 0.3638,
0.3531

47.7494, 0.4514,
0.3796

81.2419, 0.3419,
0.3436

41.8281, 0.4864,
0.3850

92.2559, 0.3233,
0.3346

36.8024, 0.5215,
0.3865

99.9993, 0.3127,
0.3290

■ 32.6231, 0.5539,
0.3832

■ 29.2343, 0.5802,
0.3747

■ 28.2126, 0.5882,
0.3711

Harmonies

Analogous

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



62.4522, 0.3804, 0.3317



62.4522, 0.3894, 0.3627



62.4522, 0.3764, 0.3877

Triad

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



62.4522, 0.3894, 0.3627



62.4522, 0.2731, 0.3578



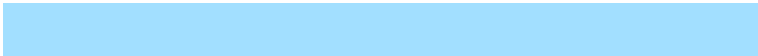
62.4522, 0.2768, 0.2672

Complementary

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



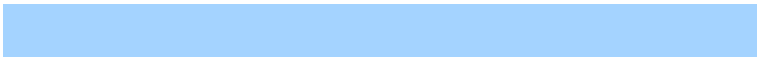
62.4522, 0.3894, 0.3627



67.6450, 0.2562, 0.2922

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.



62.4522, 0.2512, 0.2701



62.4522, 0.3894, 0.3627



62.4522, 0.2491, 0.3203

Square

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



62.4522, 0.3894, 0.3627



62.4522, 0.3084, 0.3876



62.4522, 0.2415, 0.2885



62.4522, 0.3133, 0.2787

Rectangle

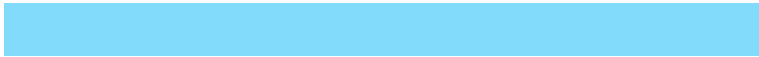
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4522, 0.3894, 0.3627



62.4522, 0.3578, 0.3968



62.4522, 0.2415, 0.2885



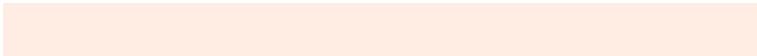
62.4522, 0.2667, 0.2665

Sweetspot

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



62.4552, 0.3894, 0.3627



87.1476, 0.3313, 0.3386



52.4680, 0.3429, 0.2661



18.3342, 0.3338, 0.3398



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.



62.4552, 0.3894, 0.3627



56.4684, 0.4111, 0.3696



85.8873, 0.3729, 0.4066



19.0101, 0.3286, 0.3372



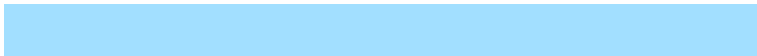
14.9914, 0.5852, 0.3735



1.6539, 0.5634, 0.3908

Inverse Universe

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



67.6450, 0.2562, 0.2922



62.3328, 0.2453, 0.2832



46.5271, 0.2484, 0.2370



19.3660, 0.2980, 0.3206



18.5333, 0.1922, 0.2119



2.0084, 0.1963, 0.2268

Previews

White Background



This preview shows how the Yxy color 62.4522, 0.3894, 0.3627 looks on a white background.

Color Contrast Check

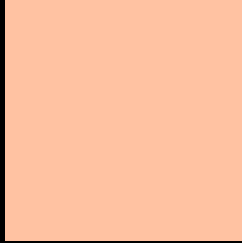
Large Text (above 18pt) WCAG AA × Fail

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 62.4522, 0.3894, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

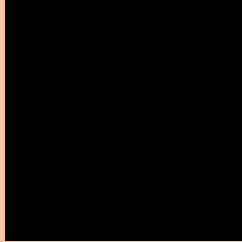
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4522, 0.3894, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 62.4522, 0.3894, 0.3627.



This preview shows how white text looks on a background with the Yxy color 62.4522, 0.3894, 0.3627.

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

62.4522, 0.3894, 0.3627

Protanopia

62.6684, 0.3514, 0.3739

Deuteranopia

62.4747, 0.3783, 0.3703



Tritanopia

62.3987, 0.3563, 0.3157

Trichromacy



Original Color

62.4522, 0.3894, 0.3627

Protanomaly

62.3179, 0.3650, 0.3692

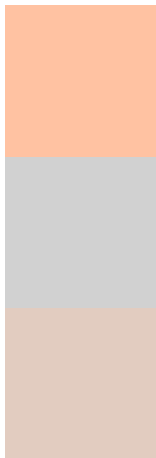
Deuteranomaly

62.2799, 0.3824, 0.3677

Tritanomaly

62.1524, 0.3686, 0.3323

Monochromacy



Original Color

62.4522, 0.3894, 0.3627

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1603, 0.3388, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4522, 0.3894, 0.3627 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, 194, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 162)  
}
```

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, 194, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 162) }
```

Border

The CSS property to change the border of an element to Yxy 62.4522, 0.3894, 0.3627 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, 194, 162) }
```

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

```
.border{ border-color:rgb(255, 194, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4522, 0.3894, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 162) }
```

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

```
.background{ background-color: rgb(255,  
194, 162) }
```

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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