

Converting Colors

$Yxy(68.3561, 0.3632, 0.3518)$

Have a look what the booklet for
Yxy(68.3561, 0.3632, 0.3518)
contains.

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Color

Yxy(68.4524, 0.3627, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	FACFB9
RGB	250, 207, 185
RGB Percent	98%, 81%, 73%
CMY	0.0197, 0.1882, 0.2744
CMYK	0.00, 0.17, 0.26, 0.02
HSL	20°, 87%, 85%
HSV	20°, 26%, 98%
XYZ	70.4931, 68.4524, 55.4111
YIQ	217.3490, 32.6900, 2.2740

Conversions

Conversions Part 2

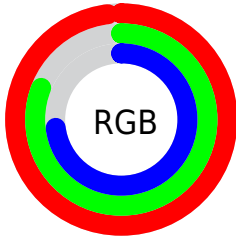
Format	Color
R _Y B	250, 218, 185
Decimal	16437177
CIE Lab	86.23, 11.94, 16.59
CIE LCh	86, 20.434, 54.260
Yxy	68.4524, 0.3627, 0.3522
Android (android.graphics.Color)	4294627257 (0xFFFA ^C FB9)
YUV	217.3490, -15.9481, 28.6349
Hunter-Lab	82.7360, 7.2986, 18.2067

Details

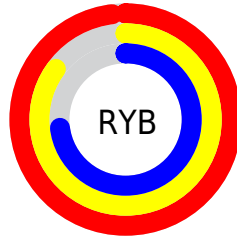
The Yxy color **68.4524, 0.3627, 0.3522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7106, 0.2723, 0.3045**, and the grayscale version is **69.7370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **35.7859, 0.3751, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **59.8910, 0.3881, 0.3616**, and if you desaturate by 10%, it is **78.0453, 0.3409, 0.3429**.

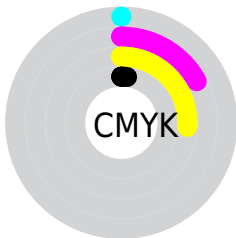
Distribution



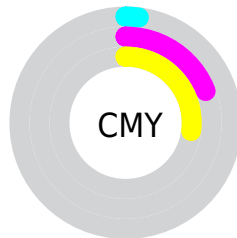
- Red (98%)
- Green (81%)
- Blue (73%)



- Red (98%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4524, 0.3627, 0.3522 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 68.4524, 0.3627, 0.3522 by changing the saturation by 10% instead.


 68.4524, 0.3627,
0.3522

 68.4524, 0.3627,
0.3522

455.0972, 0.3391,
0.3418

 50.2659, 0.3682,
0.3545


 116.9991, 0.3544,
0.3487

 35.6247, 0.3750,
0.3572


148.1281, 0.3513,
0.3473

 24.1445, 0.3837,
0.3606

184.3400, 0.3485,
0.3461

 15.4408, 0.3951,
0.3648

226.0192, 0.3461,
0.3450

 9.1294, 0.4109,
0.3702

273.5501, 0.3441,
0.3441

 4.8257, 0.4337,
0.3772

327.3172, 0.3422,

 2.1453, 0.4702,

0.3432

0.3863

387.7047, 0.3406,
0.3425

0.6899, 0.5797,
0.4203

0.0000, 0.0000,
0.0000

68.4524, 0.3627,
0.3522

68.4524, 0.3627,
0.3522

59.8910, 0.3881,
0.3616

78.0453, 0.3409,
0.3429

52.3163, 0.4174,
0.3706

88.6939, 0.3224,
0.3340

45.6937, 0.4501,
0.3784

99.0618, 0.3096,
0.3290

39.9831, 0.4853,
0.3837

■ 35.1410, 0.5207,
0.3854

■ 31.1195, 0.5535,
0.3823

■ 27.8649, 0.5804,
0.3741

■ 26.7539, 0.5897,
0.3700

Harmonies

Analogous

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



68.4524, 0.3567, 0.3315



68.4524, 0.3627, 0.3522



68.4524, 0.3546, 0.3680

Triad

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



68.4524, 0.3627, 0.3522



68.4524, 0.2868, 0.3477



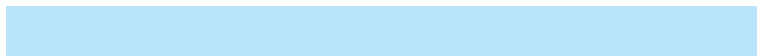
68.4524, 0.2892, 0.2875

Complementary

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



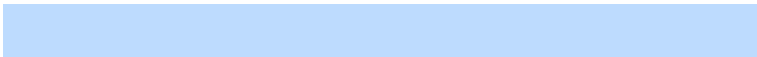
68.4524, 0.3627, 0.3522



72.7106, 0.2723, 0.3045

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.



68.4524, 0.2718, 0.2900



68.4524, 0.3627, 0.3522



68.4524, 0.2705, 0.3239

Square

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



68.4524, 0.3627, 0.3522



68.4524, 0.3104, 0.3664



68.4524, 0.2651, 0.3029



68.4524, 0.3135, 0.2952

Rectangle

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



68.4524, 0.3627, 0.3522



68.4524, 0.3427, 0.3732



68.4524, 0.2651, 0.3029



68.4524, 0.2824, 0.2872

Sweetspot

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



68.4555, 0.3627, 0.3522



90.4436, 0.3259, 0.3358



60.6517, 0.3324, 0.2846



18.9915, 0.3286, 0.3371



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.



68.4555, 0.3627, 0.3522



66.9618, 0.3751, 0.3570



85.6535, 0.3546, 0.3841



18.1850, 0.3286, 0.3371



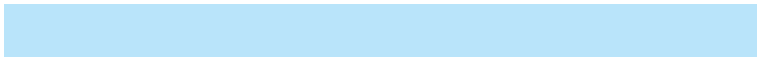
14.4303, 0.5867, 0.3724



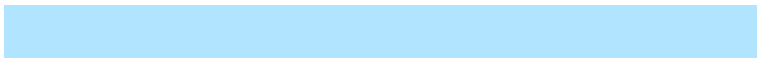
1.5241, 0.5637, 0.3906

Inverse Universe

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



72.7106, 0.2723, 0.3045



72.0701, 0.2646, 0.2991



56.6338, 0.2688, 0.2672



18.5614, 0.2980, 0.3208



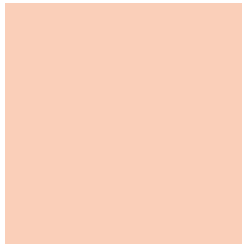
18.2906, 0.1928, 0.2142



1.8901, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 68.4524, 0.3627, 0.3522 looks on a white background.

Color Contrast Check

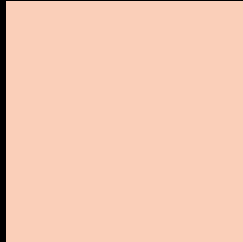
Large Text (above 18pt) WCAG AA × Fail

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 68.4524, 0.3627, 0.3522 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 68.4524, 0.3627, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 68.4524, 0.3627, 0.3522.

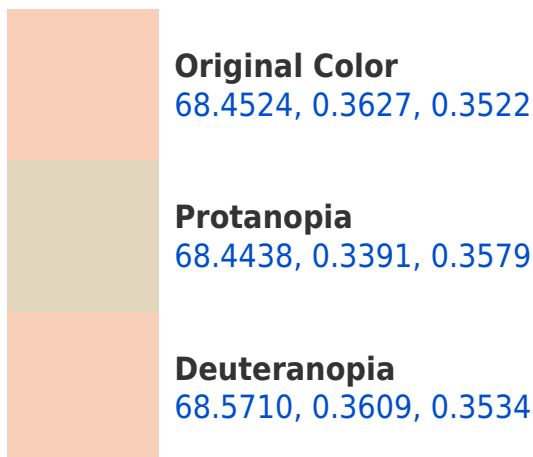


This preview shows how white text looks on a background with the Yxy color 68.4524, 0.3627, 0.3522.

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

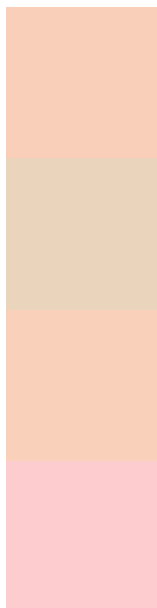




Tritanopia

68.3738, 0.3415, 0.3128

Trichromacy



Original Color

68.4524, 0.3627, 0.3522

Protanomaly

68.3800, 0.3474, 0.3552

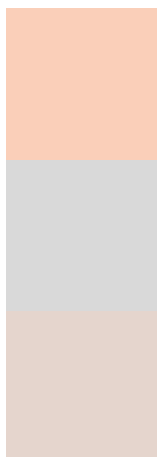
Deuteranomaly

68.7543, 0.3617, 0.3533

Tritanomaly

68.5246, 0.3496, 0.3270

Monochromacy



Original Color

68.4524, 0.3627, 0.3522

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6543, 0.3303, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4524, 0.3627, 0.3522 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(250, 207, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 185)  
}
```

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(250, 207, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.4524, 0.3627, 0.3522 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(250, 207, 185) }
```

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

```
.border{ border-color:rgb(250, 207, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4524, 0.3627, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 185) }
```

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

```
.background{ background-color: rgb(250,  
207, 185) }
```

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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