

Converting Colors

$Yxy(69.6249, 0.3551, 0.3521)$

Have a look what the booklet for
Yxy(69.6249, 0.3551, 0.3521)
contains.

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Color

Yxy(69.6751, 0.3547, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	F5D3BD
RGB	245, 211, 189
RGB Percent	96%, 83%, 74%
CMY	0.0393, 0.1725, 0.2587
CMYK	0.00, 0.14, 0.23, 0.04
HSL	24°, 74%, 85%
HSV	24°, 23%, 96%
XYZ	70.1298, 69.6751, 57.9110
YIQ	218.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

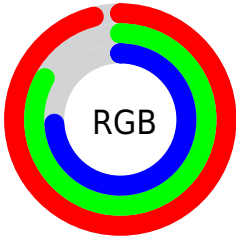
Format	Color
R _Y B	245, 225, 189
Decimal	16110525
CIE Lab	86.84, 8.55, 15.26
CIE LCh	87, 17.493, 60.748
Yxy	69.6751, 0.3547, 0.3524
Android (android.graphics.Color)	4294300605 (0xFFFF5D3BD)
YUV	218.6580, -14.6214, 23.1019
Hunter-Lab	83.4716, 3.8940, 17.2959

Details

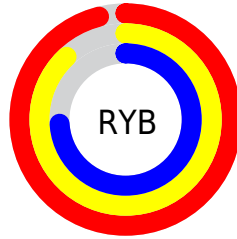
The Yxy color **69.6751, 0.3547, 0.3524** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1783, 0.2769, 0.3044**, and the grayscale version is **70.6791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **36.2459, 0.3647, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **61.6525, 0.3781, 0.3633**, and if you desaturate by 10%, it is **78.5671, 0.3345, 0.3418**.

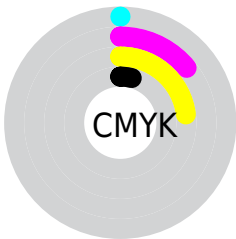
Distribution



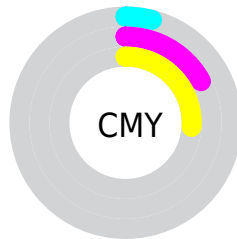
- Red (96%)
- Green (83%)
- Blue (74%)



- Red (96%)
- Yellow (88%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6751, 0.3547, 0.3524 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 69.6751, 0.3547, 0.3524 by changing the saturation by 10% instead.


 69.6751, 0.3547,
0.3524

 69.6751, 0.3547,
0.3524

459.4084, 0.3350,
0.3418

 51.2617, 0.3593,
0.3548


 118.7453, 0.3478,
0.3488

 36.4169, 0.3649,
0.3576

150.1709, 0.3451,
0.3473

 24.7564, 0.3721,
0.3612


186.7027, 0.3429,
0.3461

 15.8956, 0.3816,
0.3658

228.7251, 0.3409,
0.3450

 9.4503, 0.3947,
0.3718

276.6225, 0.3391,
0.3441

 5.0361, 0.4136,
0.3799

330.7792, 0.3376,

 2.2684, 0.4431,

0.3432

0.3910

391.5797, 0.3362,
0.3425

0.7569, 0.5516,
0.4484

0.0000, 0.0000,
0.0000

69.6751, 0.3547,
0.3524

69.6751, 0.3547,
0.3524

61.6525, 0.3781,
0.3633

78.5671, 0.3345,
0.3418

54.4624, 0.4048,
0.3739

88.3450, 0.3172,
0.3317

48.0788, 0.4346,
0.3836

98.1469, 0.3066,
0.3290

42.4708, 0.4668,
0.3911

■ 37.6052, 0.4997,
0.3953

■ 33.4455, 0.5311,
0.3948

■ 29.9512, 0.5583,
0.3889

■ 27.8248, 0.5746,
0.3820

Harmonies

Analogous

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



69.6751, 0.3522, 0.3353



69.6751, 0.3547, 0.3524



69.6751, 0.3456, 0.3641

Triad

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



69.6751, 0.3547, 0.3524



69.6751, 0.2870, 0.3407



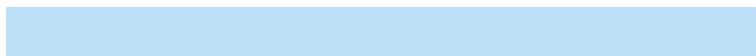
69.6751, 0.2969, 0.2942

Complementary

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



69.6751, 0.3547, 0.3524



70.1783, 0.2769, 0.3044

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.



69.6751, 0.2803, 0.2945



69.6751, 0.3547, 0.3524



69.6751, 0.2748, 0.3206

Square

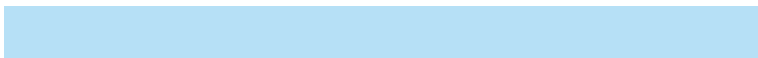
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6751, 0.3547, 0.3524



69.6751, 0.3062, 0.3579



69.6751, 0.2724, 0.3038



69.6751, 0.3182, 0.3025

Rectangle

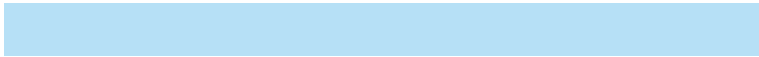
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6751, 0.3547, 0.3524



69.6751, 0.3343, 0.3669



69.6751, 0.2724, 0.3038



69.6751, 0.2906, 0.2933

Sweetspot

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



69.6783, 0.3547, 0.3524



92.1845, 0.3241, 0.3359



61.1699, 0.3317, 0.2930



19.5919, 0.3251, 0.3365



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.



69.6783, 0.3547, 0.3524



72.5065, 0.3642, 0.3570



84.4894, 0.3486, 0.3799



17.5510, 0.3284, 0.3384



15.2448, 0.5717, 0.3843



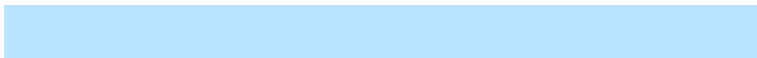
1.5340, 0.5486, 0.4026

Inverse Universe

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



70.1783, 0.2769, 0.3044



73.1309, 0.2703, 0.2992



56.6918, 0.2744, 0.2724



17.6006, 0.2980, 0.3195



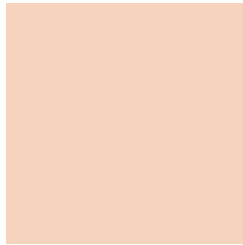
15.3582, 0.1874, 0.1947



1.5497, 0.1926, 0.2133

Previews

White Background



This preview shows how the Yxy color 69.6751, 0.3547, 0.3524 looks on a white background.

Color Contrast Check

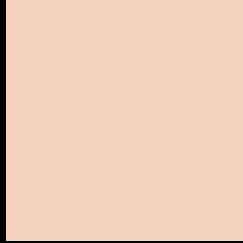
Large Text (above 18pt) WCAG AA × Fail

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 69.6751, 0.3547, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

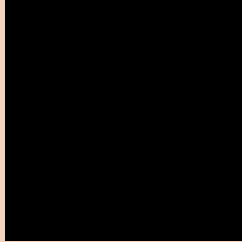
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6751, 0.3547, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 69.6751, 0.3547, 0.3524.



This preview shows how white text looks on a background with the Yxy color 69.6751, 0.3547, 0.3524.

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

69.6751, 0.3547, 0.3524

Protanopia

69.7624, 0.3374, 0.3566

Deuteranopia

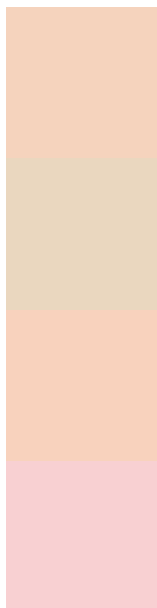
69.9070, 0.3581, 0.3511



Tritanopia

69.5563, 0.3340, 0.3126

Trichromacy



Original Color

69.6751, 0.3547, 0.3524

Protanomaly

69.8549, 0.3439, 0.3551

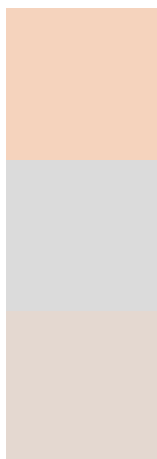
Deuteranomaly

69.7238, 0.3573, 0.3512

Tritanomaly

69.7214, 0.3419, 0.3270

Monochromacy



Original Color

69.6751, 0.3547, 0.3524

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1598, 0.3270, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6751, 0.3547, 0.3524 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(245, 211, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 189)  
}
```

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(245, 211, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 189) }
```

Border

The CSS property to change the border of an element to Yxy 69.6751, 0.3547, 0.3524 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(245, 211, 189) }
```

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

```
.border{ border-color:rgb(245, 211, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 211, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6751, 0.3547, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 189) }
```

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

```
.background{ background-color: rgb(245,  
211, 189) }
```

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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