

# Converting Colors

Yxy(69.6551, 0.3541, 0.3515)

Have a look what the booklet for  
Yxy(69.6551, 0.3541, 0.3515)  
contains.

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# Color

**Yxy(69.7187, 0.3540, 0.3513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D3BE
RGB	245, 211, 190
RGB Percent	96%, 83%, 75%
CMY	0.0391, 0.1726, 0.2548
CMYK	0.00, 0.14, 0.22, 0.04
HSL	23°, 73%, 85%
HSV	23°, 22%, 96%
XYZ	70.2545, 69.7187, 58.4859
YIQ	218.7720, 27.0050, 0.6770

# Conversions

## Conversions Part 2

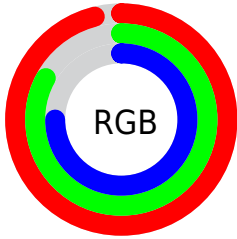
Format	Color
R <sub>Y</sub> B	245, 224, 190
Decimal	16110526
CIE Lab	86.86, 8.72, 14.77
CIE LCh	87, 17.150, 59.425
Yxy	69.7187, 0.3540, 0.3513
Android (android.graphics.Color)	4294300606 (0xFFFF5D3BE)
YUV	218.7720, -14.1846, 23.0020
Hunter-Lab	83.4977, 4.0679, 16.9188

# Details

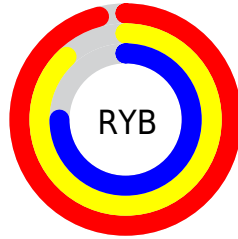
The Yxy color **69.7187, 0.3540, 0.3513** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8921, 0.2776, 0.3056**, and the grayscale version is **70.7632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **36.2744, 0.3637, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **61.5566, 0.3774, 0.3619**, and if you desaturate by 10%, it is **78.7780, 0.3338, 0.3410**.

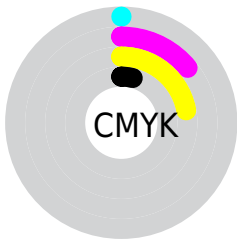
# Distribution



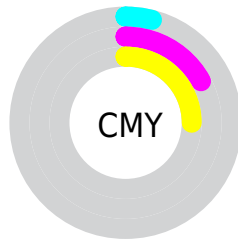
- Red (96%)
- Green (83%)
- Blue (75%)



- Red (96%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7187, 0.3540, 0.3513 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 69.7187, 0.3540, 0.3513 by changing the saturation by 10% instead.



 69.7187, 0.3540,  
0.3513

 69.7187, 0.3540,  
0.3513

459.5617, 0.3346,  
0.3412

 51.2972, 0.3585,  
0.3535


 118.8075, 0.3472,  
0.3478

 36.4452, 0.3641,  
0.3563


150.2437, 0.3446,  
0.3465

 24.7782, 0.3712,  
0.3597


186.7868, 0.3424,  
0.3453

 15.9119, 0.3805,  
0.3640

228.8214, 0.3404,  
0.3443

 9.4618, 0.3934,  
0.3697

276.7318, 0.3387,  
0.3434

 5.0436, 0.4120,  
0.3774

330.9024, 0.3372,

 2.2729, 0.4412,

0.3426

0.3880

391.7175, 0.3358,  
0.3418

0.7593, 0.5527,  
0.4473

0.0000, 0.0000,  
0.0000

69.7187, 0.3540,  
0.3513

69.7187, 0.3540,  
0.3513

61.5566, 0.3774,  
0.3619

78.7780, 0.3338,  
0.3410

54.2537, 0.4043,  
0.3722

88.7521, 0.3165,  
0.3313

47.7828, 0.4344,  
0.3816

98.1577, 0.3066,  
0.3290

42.1118, 0.4670,  
0.3890

■ 37.2062, 0.5005,  
0.3930

■ 33.0281, 0.5326,  
0.3925

■ 29.5354, 0.5605,  
0.3866

■ 27.3157, 0.5779,  
0.3793

# Harmonies

## Analogous

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



69.7187, 0.3510, 0.3344



69.7187, 0.3540, 0.3513



69.7187, 0.3455, 0.3631

# Triad

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



69.7187, 0.3540, 0.3513



69.7187, 0.2882, 0.3413



69.7187, 0.2964, 0.2947

# Complementary

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



69.7187, 0.3540, 0.3513



70.8921, 0.2776, 0.3056

# 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.



69.7187, 0.2804, 0.2954



69.7187, 0.3540, 0.3513



69.7187, 0.2758, 0.3216

# Square

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



69.7187, 0.3540, 0.3513



69.7187, 0.3073, 0.3578



69.7187, 0.2730, 0.3049



69.7187, 0.3172, 0.3025



# Rectangle

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



69.7187, 0.3540, 0.3513



69.7187, 0.3347, 0.3661



69.7187, 0.2730, 0.3049



69.7187, 0.2903, 0.2939

# Sweetspot

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



69.7219, 0.3540, 0.3513



92.0566, 0.3241, 0.3357



61.6865, 0.3306, 0.2927



19.5624, 0.3251, 0.3362



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.



69.7219, 0.3540, 0.3513



72.0950, 0.3644, 0.3562



84.1087, 0.3482, 0.3781



17.5178, 0.3284, 0.3381



14.9583, 0.5750, 0.3816



1.5066, 0.5516, 0.4002

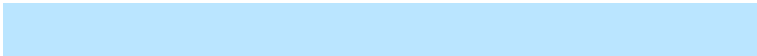


# Inverse Universe

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



70.8921, 0.2776, 0.3056



73.5824, 0.2704, 0.3001



57.6432, 0.2752, 0.2746



17.6348, 0.2980, 0.3198



15.8583, 0.1886, 0.1990

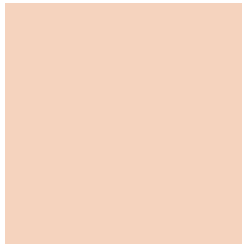


1.5918, 0.1936, 0.2170



# Previews

## White Background



This preview shows how the Yxy color 69.7187, 0.3540, 0.3513 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

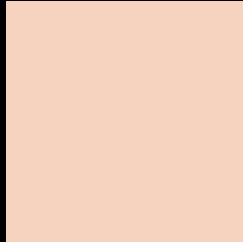
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 69.7187, 0.3540, 0.3513 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

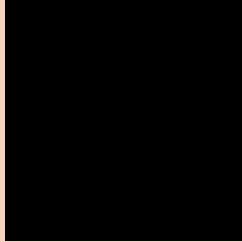
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 69.7187, 0.3540, 0.3513**

## Background



This preview shows how black text looks on a background with the Yxy color 69.7187, 0.3540, 0.3513.



This preview shows how white text looks on a background with the Yxy color 69.7187, 0.3540, 0.3513.

# 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

69.7187, 0.3540, 0.3513

### Protanopia

69.8069, 0.3367, 0.3555

### Deuteranopia

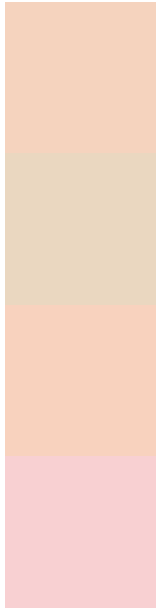
69.9506, 0.3574, 0.3501



## Tritanopia

69.5563, 0.3340, 0.3126

# Trichromacy



**Original Color**

69.7187, 0.3540, 0.3513

**Protanomaly**

69.8991, 0.3431, 0.3540

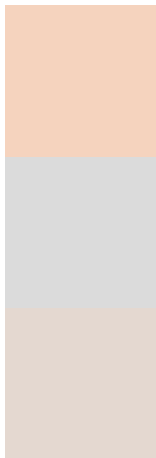
**Deuteranomaly**

69.7674, 0.3566, 0.3501

**Tritanomaly**

69.7214, 0.3419, 0.3270

# Monochromacy



**Original Color**

69.7187, 0.3540, 0.3513

**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 69.7187, 0.3540, 0.3513 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 69.7187, 0.3540, 0.3513 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, 190) }
```

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

```
.border{ border-color:rgb(245, 211, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 190);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 69.7187, 0.3540, 0.3513 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, 190) }
```

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

```
.background{ background-color: rgb(245,  
211, 190) }
```

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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