

# Converting Colors

Yxy(65.4307, 0.3499, 0.3360)

Have a look what the booklet for  
Yxy(65.4307, 0.3499, 0.3360)  
contains.

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# Color

**Yxy(65.2813, 0.3497, 0.3355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3CAC4
RGB	243, 202, 196
RGB Percent	95%, 79%, 77%
CMY	0.0471, 0.2078, 0.2313
CMYK	0.00, 0.17, 0.19, 0.05
HSL	8°, 66%, 86%
HSV	8°, 19%, 95%
XYZ	68.0443, 65.2813, 61.2535
YIQ	213.5750, 26.3620, 6.8260

# Conversions

## Conversions Part 2

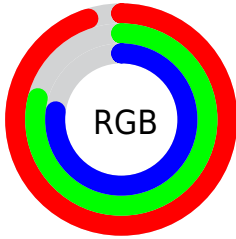
Format	Color
R <sub>Y</sub> B	243, 203, 196
Decimal	15977156
CIE Lab	84.63, 13.55, 8.39
CIE LCh	85, 15.936, 31.789
Yxy	65.2813, 0.3497, 0.3355
Android (android.graphics.Color)	4294167236 (0xFFF3CAC4)
YUV	213.5750, -8.6645, 25.8057
Hunter-Lab	80.7968, 8.9321, 11.6090

# Details

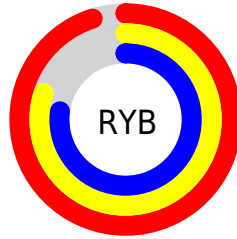
The Yxy color **65.2813, 0.3497, 0.3355** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7774, 0.2833, 0.3224**, and the grayscale version is **66.9925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **33.5719, 0.3591, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **54.9897, 0.3753, 0.3391**, and if you desaturate by 10%, it is **77.1250, 0.3287, 0.3320**.

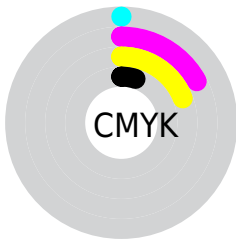
# Distribution



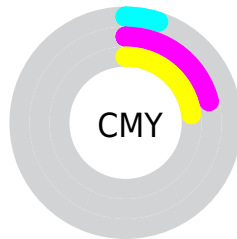
- Red (95%)
- Green (79%)
- Blue (77%)



- Red (95%)
- Yellow (80%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2813, 0.3497, 0.3355 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 65.2813, 0.3497, 0.3355 by changing the saturation by 10% instead.



 65.2813, 0.3497,  
0.3355

 65.2813, 0.3497,  
0.3355


443.8021, 0.3321,  
0.3327

 47.6892, 0.3538,  
0.3361


112.4542, 0.3435,  
0.3346

 33.5808, 0.3590,  
0.3368


142.8038, 0.3411,  
0.3342

 22.5718, 0.3657,  
0.3376


178.1746, 0.3391,  
0.3339

 14.2776, 0.3745,  
0.3386

218.9512, 0.3373,  
0.3336

 8.3140, 0.3870,  
0.3398

265.5178, 0.3358,  
0.3333

 4.2965, 0.4055,  
0.3412

318.2589, 0.3344,

 1.8408, 0.4361,

0.3331

377.5589, 0.3332,  
0.3329

0.3423

0.5124, 0.6148,  
0.3852

0.0000, 0.0000,  
0.0000

65.2813, 0.3497,  
0.3355

65.2813, 0.3497,  
0.3355

54.9897, 0.3753,  
0.3391

77.1250, 0.3287,  
0.3320

46.1772, 0.4064,  
0.3427

90.5720, 0.3117,  
0.3288

38.7783, 0.4432,  
0.3459

97.7917, 0.3053,  
0.3290

32.7192, 0.4851,  
0.3482

■ 27.9192, 0.5296,  
0.3488

■ 24.2890, 0.5724,  
0.3472

■ 21.7270, 0.6072,  
0.3432

■ 20.1098, 0.6295,  
0.3377

■ 20.0298, 0.6307,  
0.3374

# Harmonies

## Analogous

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



65.2813, 0.3374, 0.3186



65.2813, 0.3497, 0.3355



65.2813, 0.3517, 0.3514

# Triad

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



65.2813, 0.3497, 0.3355



65.2813, 0.3060, 0.3553



65.2813, 0.2829, 0.2967

# Complementary

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



65.2813, 0.3497, 0.3355



78.7774, 0.2833, 0.3224

# 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.



65.2813, 0.2752, 0.3052



65.2813, 0.3497, 0.3355



65.2813, 0.2882, 0.3392

# Square

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



65.2813, 0.3497, 0.3355



65.2813, 0.3260, 0.3637



65.2813, 0.2771, 0.3206



65.2813, 0.2986, 0.2966



# Rectangle

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



65.2813, 0.3497, 0.3355



65.2813, 0.3469, 0.3593



65.2813, 0.2771, 0.3206



65.2813, 0.2793, 0.2986

# Sweetspot

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



65.2843, 0.3497, 0.3355



90.8294, 0.3227, 0.3309



64.6874, 0.3189, 0.2863



19.2361, 0.3239, 0.3311



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.



65.2843, 0.3497, 0.3355



68.3636, 0.3587, 0.3368



76.8797, 0.3452, 0.3594



16.8227, 0.3291, 0.3321



11.0998, 0.6290, 0.3388



1.0814, 0.6100, 0.3539



# Inverse Universe

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



78.7774, 0.2833, 0.3224



85.8464, 0.2779, 0.3210



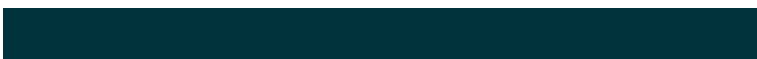
66.3158, 0.2818, 0.2966



18.3763, 0.2981, 0.3259



29.5433, 0.2134, 0.2882

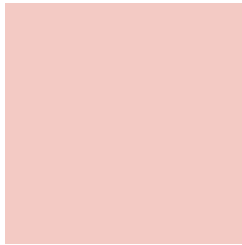


2.6952, 0.2150, 0.2938



# Previews

## White Background



This preview shows how the Yxy color 65.2813, 0.3497, 0.3355 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

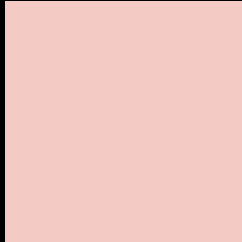
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.2813, 0.3497, 0.3355 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

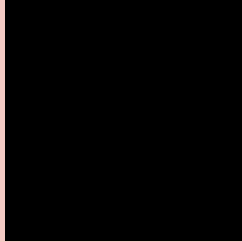
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 65.2813, 0.3497, 0.3355**

## Background



This preview shows how black text looks on a background with the Yxy color 65.2813, 0.3497, 0.3355.

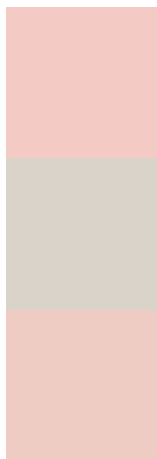


This preview shows how white text looks on a background with the Yxy color 65.2813, 0.3497, 0.3355.

# 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

65.2813, 0.3497, 0.3355

### Protanopia

65.7110, 0.3250, 0.3403

### Deuteranopia

65.3484, 0.3453, 0.3378



## Tritanopia

65.1656, 0.3371, 0.3123

# Trichromacy



**Original Color**

65.2813, 0.3497, 0.3355

**Protanomaly**

65.5662, 0.3337, 0.3390

**Deuteranomaly**

65.2227, 0.3471, 0.3366

**Tritanomaly**

65.0957, 0.3416, 0.3206

# Monochromacy



**Original Color**

65.2813, 0.3497, 0.3355

**Achromatopsia**

67.2443, 0.3127, 0.3290

**Achromatomaly**

66.6057, 0.3261, 0.3323

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.2813, 0.3497, 0.3355 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(243, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 196)  
}
```

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(243, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 196) }
```

## Border

The CSS property to change the border of an element to Yxy 65.2813, 0.3497, 0.3355 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(243, 202, 196) }
```

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

```
.border{ border-color:rgb(243, 202, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(243, 202,  
196) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.2813, 0.3497, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 196) }
```

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

```
.background{ background-color: rgb(243,  
202, 196) }
```

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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