

# Converting Colors

$Yxy(65.1021, 0.3462, 0.3401)$

Have a look what the booklet for  
Yxy(65.1021, 0.3462, 0.3401)  
contains.

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# Color

**Yxy(65.0853, 0.3461, 0.3400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDCCC2
RGB	237, 204, 194
RGB Percent	93%, 80%, 76%
CMY	0.0706, 0.2000, 0.2393
CMYK	0.00, 0.14, 0.18, 0.07
HSL	14°, 54%, 85%
HSV	14°, 18%, 93%
XYZ	66.2530, 65.0853, 60.0890
YIQ	212.7270, 22.8780, 3.8860

# Conversions

## Conversions Part 2

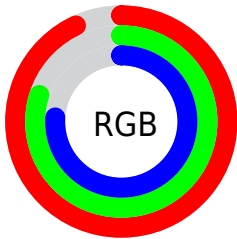
Format	Color
RYB	237, 207, 194
Decimal	15584450
CIELab	84.53, 10.02, 9.27
CIELCh	85, 13.653, 42.787
Yxy	65.0853, 0.3461, 0.3400
Android (android.graphics.Color)	4293774530 (0xFFEDCCC2)
YUV	212.7270, -9.2324, 21.2874
Hunter-Lab	80.6755, 5.4073, 12.3122

# Details

The Yxy color **65.0853, 0.3461, 0.3400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4966, 0.2848, 0.3177**, and the grayscale version is **66.3996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.5299, 0.3552, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **55.9670, 0.3698, 0.3465**, and if you desaturate by 10%, it is **75.3870, 0.3263, 0.3338**.

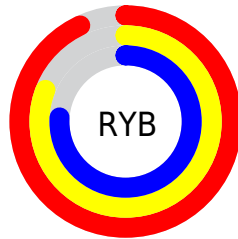
# Distribution



Red (93%)

Green (80%)

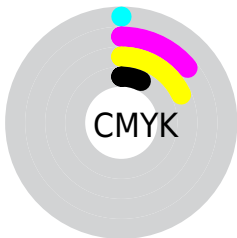
Blue (76%)



Red (93%)

Yellow (81%)

Blue (76%)

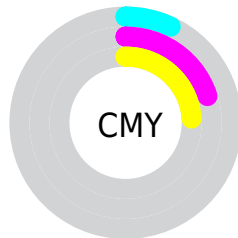


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (20%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0853, 0.3461, 0.3400 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 65.0853, 0.3461, 0.3400 by changing the saturation by 10% instead.





 65.0853, 0.3461,  
0.3400

 65.0853, 0.3461,  
0.3400

443.0984, 0.3302,  
0.3350

 47.5302, 0.3498,  
0.3411


 112.1725, 0.3405,  
0.3383

 33.4550, 0.3545,  
0.3425


142.4734, 0.3384,  
0.3376

 22.4753, 0.3605,  
0.3441


177.7917, 0.3365,  
0.3370

 14.2065, 0.3685,  
0.3463

218.5119, 0.3349,  
0.3365

 8.2644, 0.3797,  
0.3491

265.0182, 0.3335,  
0.3361

 4.2646, 0.3965,  
0.3529

317.6952, 0.3323,

 1.8227, 0.4241,

0.3357

0.3580

376.9271, 0.3312,  
0.3353

0.5012, 0.5899,  
0.4101

0.0000, 0.0000,  
0.0000

65.0853, 0.3461,  
0.3400

65.0853, 0.3461,  
0.3400

55.9670, 0.3698,  
0.3465

75.3870, 0.3263,  
0.3338

47.9807, 0.3980,  
0.3530

86.9037, 0.3099,  
0.3280

41.0843, 0.4310,  
0.3590

96.7451, 0.3017,  
0.3290

35.2296, 0.4683,  
0.3638

■ 30.3647, 0.5084,  
0.3664

■ 26.4328, 0.5482,  
0.3656

■ 23.3713, 0.5832,  
0.3608

■ 21.1063, 0.6095,  
0.3525

■ 20.7661, 0.6136,  
0.3510

# Harmonies

## Analogous

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



65.0853, 0.3386, 0.3253



65.0853, 0.3461, 0.3400



65.0853, 0.3443, 0.3523

# Triad

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



65.0853, 0.3461, 0.3400



65.0853, 0.3009, 0.3470



65.0853, 0.2914, 0.3003

# Complementary

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



65.0853, 0.3461, 0.3400



72.4966, 0.2848, 0.3177

# 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.



65.0853, 0.2819, 0.3051



65.0853, 0.3461, 0.3400



65.0853, 0.2873, 0.3320

# Square

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



65.0853, 0.3461, 0.3400



65.0853, 0.3180, 0.3570



65.0853, 0.2805, 0.3165



65.0853, 0.3068, 0.3029



# Rectangle

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



65.0853, 0.3461, 0.3400



65.0853, 0.3382, 0.3574



65.0853, 0.2805, 0.3165



65.0853, 0.2875, 0.3011

# Sweetspot

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



65.0882, 0.3461, 0.3400



93.1269, 0.3208, 0.3319



62.1573, 0.3217, 0.2933



19.7325, 0.3221, 0.3323



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.



65.0882, 0.3461, 0.3400



72.4608, 0.3549, 0.3425



75.6461, 0.3422, 0.3619



15.6244, 0.3287, 0.3346



11.5031, 0.6110, 0.3531



1.0470, 0.5843, 0.3742



# Inverse Universe

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



72.4966, 0.2848, 0.3177



82.7992, 0.2789, 0.3150



61.7993, 0.2835, 0.2938



16.4914, 0.2981, 0.3234



21.7472, 0.2033, 0.2520



1.8518, 0.2066, 0.2639



# Previews

## White Background



This preview shows how the Yxy color 65.0853, 0.3461, 0.3400 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 65.0853, 0.3461, 0.3400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

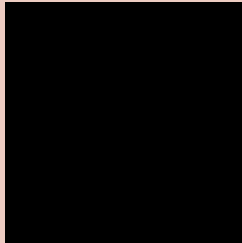
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 65.0853, 0.3461, 0.3400**

## Background



This preview shows how black text looks on a background with the Yxy color 65.0853, 0.3461, 0.3400.

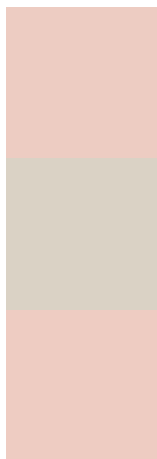


This preview shows how white text looks on a background with the Yxy color 65.0853, 0.3461, 0.3400.

# 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

65.0853, 0.3461, 0.3400

### Protanopia

65.0298, 0.3279, 0.3438

### Deuteranopia

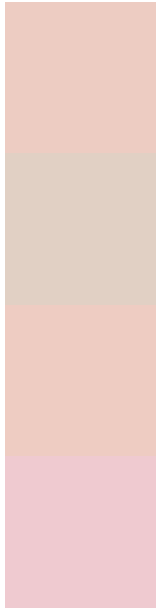
65.2579, 0.3469, 0.3399



## Tritanopia

65.2564, 0.3322, 0.3132

# Trichromacy



## Original Color

65.0853, 0.3461, 0.3400

## Protanomaly

65.1048, 0.3344, 0.3424

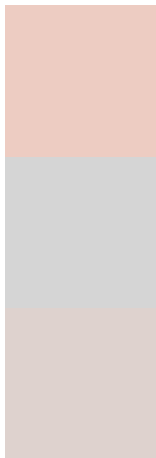
## Deuteranomaly

65.2579, 0.3469, 0.3399

## Tritanomaly

65.1458, 0.3373, 0.3227

# Monochromacy



## Original Color

65.0853, 0.3461, 0.3400

## Achromatopsia

66.5387, 0.3127, 0.3290

## Achromatomaly

66.0790, 0.3246, 0.3335

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.0853, 0.3461, 0.3400 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(237, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 194)  
}
```

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(237, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 65.0853, 0.3461, 0.3400 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(237, 204, 194) }
```

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

```
.border{ border-color:rgb(237, 204, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 204, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 204, 194); box-shadow:4px 4px 4px 4px rgb(237, 204, 194) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.0853, 0.3461, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 194) }
```

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

```
.background{ background-color: rgb(237,  
204, 194) }
```

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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