

# Converting Colors

$Yxy(65.1115, 0.3279, 0.3292)$

Have a look what the booklet for  
Yxy(65.1115, 0.3279, 0.3292)  
contains.

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# Color

**Yxy(65.2506, 0.3280, 0.3302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2CFCE
RGB	226, 207, 206
RGB Percent	89%, 81%, 81%
CMY	0.1137, 0.1882, 0.1923
CMYK	0.00, 0.08, 0.09, 0.11
HSL	3°, 26%, 85%
HSV	3°, 9%, 89%
XYZ	64.8159, 65.2506, 67.5429
YIQ	212.5670, 11.6450, 3.7170

# Conversions

## Conversions Part 2

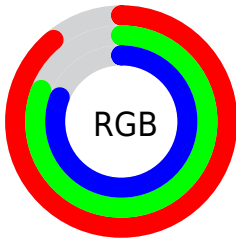
Format	Color
R <sub>Y</sub> B	226, 207, 206
Decimal	14864334
CIE Lab	84.61, 6.42, 2.90
CIE LCh	85, 7.048, 24.295
Yxy	65.2506, 0.3280, 0.3302
Android (android.graphics.Color)	4293054414 (0xFFE2CFCE)
YUV	212.5670, -3.2375, 11.7807
Hunter-Lab	80.7778, 1.8666, 6.9688

# Details

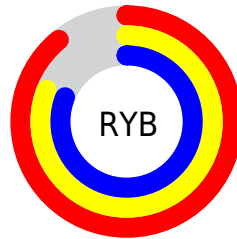
The Yxy color  $65.2506, 0.3280, 0.3302$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $72.4385, 0.2991, 0.3278$ , and the grayscale version is  $66.2525, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $33.7074, 0.3319, 0.3305$  is the 20% darker color. If you saturate the color by 10%, you get  $54.5483, 0.3491, 0.3317$ , and if you desaturate by 10%, it is  $77.5246, 0.3110, 0.3289$ .

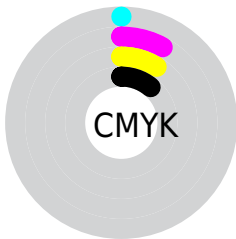
# Distribution



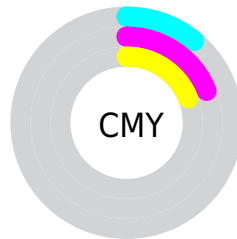
- Red (89%)
- Green (81%)
- Blue (81%)



- Red (89%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (11%)




- Cyan (11%)
- Magenta (19%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2506, 0.3280, 0.3302 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 65.2506, 0.3280, 0.3302 by changing the saturation by 10% instead.




 65.2506, 0.3280,  
0.3302

 65.2506, 0.3280,  
0.3302


443.6920, 0.3208,  
0.3297

 47.6643, 0.3297,  
0.3303


112.4101, 0.3255,  
0.3300

 33.5611, 0.3318,  
0.3304


142.7520, 0.3245,  
0.3300

 22.5566, 0.3345,  
0.3306


178.1147, 0.3236,  
0.3299

 14.2665, 0.3382,  
0.3308

218.8824, 0.3229,  
0.3298

 8.3062, 0.3433,  
0.3310

265.4396, 0.3223,  
0.3298

 4.2915, 0.3509,  
0.3313

318.1707, 0.3217,

 1.8379, 0.3635,

0.3298

0.3317

377.4600, 0.3212,  
0.3297

0.5107, 0.4264,  
0.3391

0.0000, 0.0000,  
0.0000

65.2506, 0.3280,  
0.3302

65.2506, 0.3280,  
0.3302

54.5483, 0.3491,  
0.3317

77.5246, 0.3110,  
0.3289

45.3460, 0.3754,  
0.3332

91.4210, 0.2972,  
0.3276

37.5793, 0.4075,  
0.3347

94.9108, 0.2952,  
0.3289

31.1758, 0.4460,  
0.3361

■ 26.0569, 0.4900,  
0.3370

■ 22.1358, 0.5369,  
0.3372

■ 19.3152, 0.5811,  
0.3364

■ 17.4822, 0.6155,  
0.3346

■ 16.4967, 0.6355,  
0.3324

# Harmonies

## Analogous

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



65.2506, 0.3218, 0.3226



65.2506, 0.3280, 0.3302



65.2506, 0.3301, 0.3376

# Triad

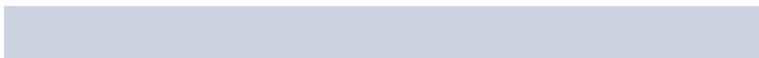
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.2506, 0.3280, 0.3302



65.2506, 0.3121, 0.3417



65.2506, 0.2982, 0.3152

# Complementary

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



65.2506, 0.3280, 0.3302



72.4385, 0.2991, 0.3278

# 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.



65.2506, 0.2957, 0.3201



65.2506, 0.3280, 0.3302



65.2506, 0.3036, 0.3355

# Square

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



65.2506, 0.3280, 0.3302



65.2506, 0.3208, 0.3444



65.2506, 0.2977, 0.3275



65.2506, 0.3045, 0.3141



# Rectangle

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



65.2506, 0.3280, 0.3302



65.2506, 0.3288, 0.3414



65.2506, 0.2977, 0.3275



65.2506, 0.2969, 0.3165

# Sweetspot

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



65.2535, 0.3280, 0.3302



94.9782, 0.3176, 0.3294



65.7297, 0.3144, 0.3084



20.0489, 0.3189, 0.3295



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

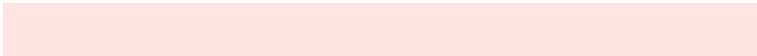


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2535, 0.3280, 0.3302



82.5195, 0.3323, 0.3305



70.2444, 0.3269, 0.3411



13.8148, 0.3291, 0.3303



9.4240, 0.6361, 0.3331



0.6944, 0.6247, 0.3422

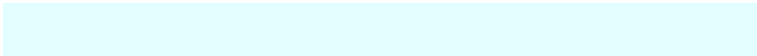


# Inverse Universe

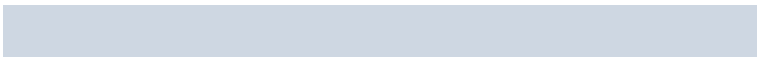
The Inverse Universe completely reimagines the original color for something new.



72.4385, 0.2991, 0.3278



94.1306, 0.2957, 0.3275



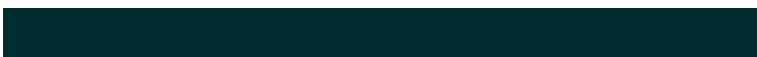
67.1993, 0.2990, 0.3166



15.4431, 0.2982, 0.3277



30.6789, 0.2202, 0.3127

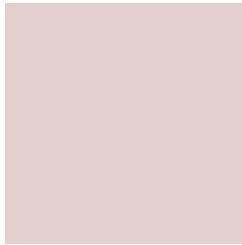


2.1646, 0.2209, 0.3153



# Previews

## White Background



This preview shows how the Yxy color 65.2506, 0.3280, 0.3302 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 65.2506, 0.3280, 0.3302 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

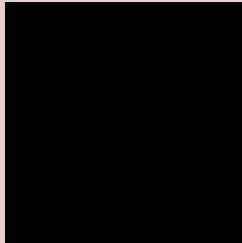
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

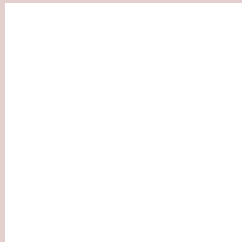
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 65.2506, 0.3280, 0.3302**

## Background



This preview shows how black text looks on a background with the Yxy color 65.2506, 0.3280, 0.3302.



This preview shows how white text looks on a background with the Yxy color 65.2506, 0.3280, 0.3302.

# 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

65.2506, 0.3280, 0.3302

### Protanopia

65.2462, 0.3186, 0.3313

### Deuteranopia

64.9656, 0.3338, 0.3269



## Tritanopia

65.3771, 0.3188, 0.3117

# Trichromacy



## Original Color

65.2506, 0.3280, 0.3302

## Protanomaly

65.3216, 0.3224, 0.3313

## Deuteranomaly

64.9419, 0.3313, 0.3280

## Tritanomaly

65.4314, 0.3216, 0.3181

# Monochromacy



## Original Color

65.2506, 0.3280, 0.3302

## Achromatopsia

66.5387, 0.3127, 0.3290

## Achromatomaly

66.1471, 0.3186, 0.3301

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.2506, 0.3280, 0.3302 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(226, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(226, 207, 206)  
}
```

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(226, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 207, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 65.2506, 0.3280, 0.3302 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(226, 207, 206) }
```

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

```
.border{ border-color:rgb(226, 207, 206) }
```

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

Here you see how a box with a 4 pixel rgb(226, 207, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(226, 207,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.2506, 0.3280, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 207, 206) }
```

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

```
.background{ background-color: rgb(226,  
207, 206) }
```

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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