

# Converting Colors

Yxy(60.9594, 0.3248, 0.3363)

Have a look what the booklet for  
Yxy(60.9594, 0.3248, 0.3363)  
contains.

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# Color

**Yxy(60.8892, 0.3248, 0.3360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5CBC5
RGB	213, 203, 197
RGB Percent	84%, 80%, 77%
CMY	0.1650, 0.2038, 0.2275
CMYK	0.00, 0.05, 0.07, 0.16
HSL	23°, 16%, 80%
HSV	23°, 7%, 84%
XYZ	58.8596, 60.8892, 61.4691
YIQ	205.3060, 7.8860, 0.2540

# Conversions

## Conversions Part 2

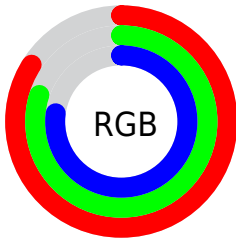
Format	Color
R <sub>Y</sub> B	213, 207, 197
Decimal	14011333
CIE Lab	82.32, 2.39, 4.22
CIE LCh	82, 4.851, 60.436
Yxy	60.8892, 0.3248, 0.3360
Android (android.graphics.Color)	4292201413 (0xFFD5CBC5)
YUV	205.3060, -4.0949, 6.7476
Hunter-Lab	78.0315, -1.9118, 7.9166

# Details

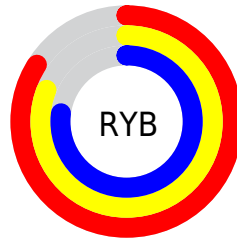
The Yxy color **60.8892, 0.3248, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2482, 0.3012, 0.3219**, and the grayscale version is **61.2743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **30.7472, 0.3279, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **53.9961, 0.3433, 0.3459**, and if you desaturate by 10%, it is **68.4592, 0.3090, 0.3267**.

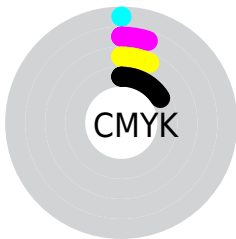
# Distribution



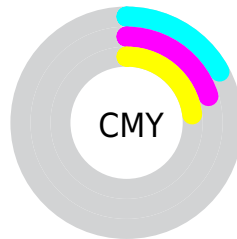
- Red (84%)
- Green (80%)
- Blue (77%)



- Red (84%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (16%)



- Cyan (17%)
- Magenta (20%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8892, 0.3248, 0.3360 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 60.8892, 0.3248, 0.3360 by changing the saturation by 10% instead.



■ 60.8892, 0.3248,  
0.3360

■ 60.8892, 0.3248,  
0.3360

427.8676, 0.3190,  
0.3327

■ 44.1358, 0.3262,  
0.3368

106.1185, 0.3228,  
0.3348

■ 30.7772, 0.3279,  
0.3378

135.3631, 0.3220,  
0.3344

■ 20.4293, 0.3301,  
0.3390

169.5403, 0.3213,  
0.3340

■ 12.7075, 0.3331,  
0.3407

209.0343, 0.3207,  
0.3337

■ 7.2274, 0.3374,  
0.3430

254.2297, 0.3202,  
0.3334

■ 3.6047, 0.3439,  
0.3465

305.5108, 0.3198,

■ 1.4550, 0.3550,

0.3331

363.2620, 0.3194,  
0.3329

0.3524

0.2567, 0.5409,  
0.4591

0.0000, 0.0000,  
0.0000

60.8892, 0.3248,  
0.3360

60.8892, 0.3248,  
0.3360

53.9961, 0.3433,  
0.3459

68.4592, 0.3090,  
0.3267

47.7529, 0.3649,  
0.3562

76.7162, 0.2955,  
0.3182

42.1423, 0.3898,  
0.3666

85.2964, 0.2871,  
0.3162

37.1432, 0.4181,  
0.3764

92.8764, 0.2877,  
0.3289

■ 32.7334, 0.4494,  
0.3849

■ 28.8891, 0.4825,  
0.3908

■ 25.5844, 0.5156,  
0.3929

■ 22.7911, 0.5460,  
0.3901

■ 20.4757, 0.5714,  
0.3821

# Harmonies

## Analogous

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



60.8892, 0.3240, 0.3310



60.8892, 0.3248, 0.3360



60.8892, 0.3223, 0.3392

# Triad

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



60.8892, 0.3248, 0.3360



60.8892, 0.3053, 0.3325



60.8892, 0.3081, 0.3186

# Complementary

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



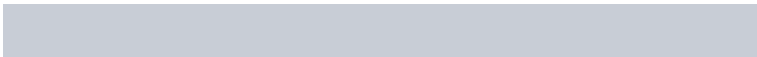
60.8892, 0.3248, 0.3360



61.2482, 0.3012, 0.3219

# 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.



60.8892, 0.3032, 0.3189



60.8892, 0.3248, 0.3360



60.8892, 0.3016, 0.3269

# Square

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



60.8892, 0.3248, 0.3360



60.8892, 0.3110, 0.3372



60.8892, 0.3008, 0.3219



60.8892, 0.3144, 0.3211



# Rectangle

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



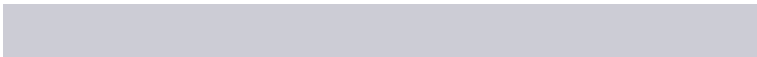
60.8892, 0.3248, 0.3360



60.8892, 0.3191, 0.3398



60.8892, 0.3008, 0.3219



60.8892, 0.3063, 0.3184

# Sweetspot

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



60.8919, 0.3248, 0.3360



97.6701, 0.3158, 0.3309



58.5753, 0.3179, 0.3174



20.9299, 0.3157, 0.3308



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

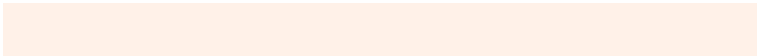


# Same Dimension

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



60.8919, 0.3248, 0.3360



89.8434, 0.3276, 0.3376



64.6612, 0.3240, 0.3448



13.1834, 0.3282, 0.3379



12.3829, 0.5747, 0.3819



0.9039, 0.5422, 0.4077

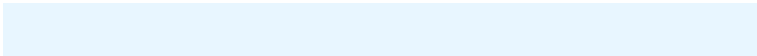


# Inverse Universe

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



61.2482, 0.3012, 0.3219



90.4870, 0.2987, 0.3203



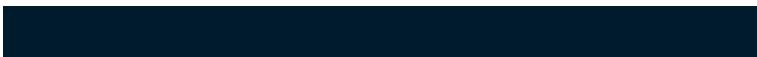
57.5719, 0.3013, 0.3126



13.2814, 0.2982, 0.3200



13.2815, 0.1891, 0.2008



0.9583, 0.1959, 0.2254



# Previews

## White Background



This preview shows how the Yxy color 60.8892, 0.3248, 0.3360 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 60.8892, 0.3248, 0.3360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

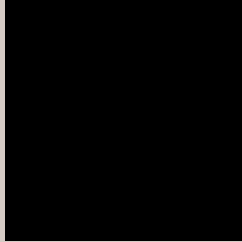
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

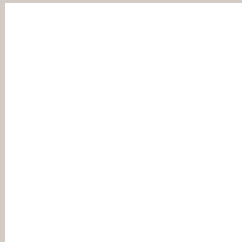
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.8892, 0.3248, 0.3360**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.8892, 0.3248, 0.3360.

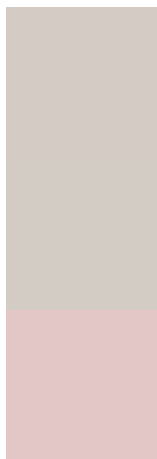


This preview shows how white text looks on a background with the Yxy color 60.8892, 0.3248, 0.3360.

# 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

60.8892, 0.3248, 0.3360

### Protanopia

60.9186, 0.3224, 0.3372

### Deuteranopia

60.7963, 0.3359, 0.3291



## Tritanopia

60.8654, 0.3136, 0.3110

# Trichromacy



## Original Color

60.8892, 0.3248, 0.3360

## Protanomaly

61.0658, 0.3232, 0.3371

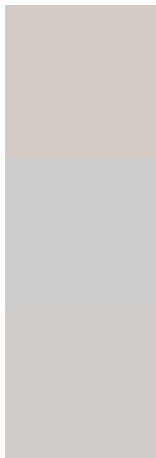
## Deuteranomaly

60.9154, 0.3316, 0.3313

## Tritanomaly

60.8238, 0.3178, 0.3199

# Monochromacy



## Original Color

60.8892, 0.3248, 0.3360

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

60.8599, 0.3172, 0.3313

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8892, 0.3248, 0.3360 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(213, 203, 197) looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 197)  
}
```

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(213, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 197) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8892, 0.3248, 0.3360 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(213, 203, 197) }
```

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

```
.border{ border-color:rgb(213, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
197) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8892, 0.3248, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 197) }
```

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

```
.background{ background-color: rgb(213,  
203, 197) }
```

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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