

# Converting Colors

$Yxy(62.6824, 0.3351, 0.3447)$

Have a look what the booklet for  
Yxy(62.6824, 0.3351, 0.3447)  
contains.

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# Color

**Yxy(62.7964, 0.3354, 0.3450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDCDBF
RGB	221, 205, 191
RGB Percent	87%, 80%, 75%
CMY	0.1334, 0.1960, 0.2511
CMYK	0.00, 0.07, 0.14, 0.13
HSL	28°, 31%, 81%
HSV	28°, 14%, 87%
XYZ	61.0490, 62.7964, 58.1731
YIQ	208.1880, 14.0300, -0.9620

# Conversions

## Conversions Part 2

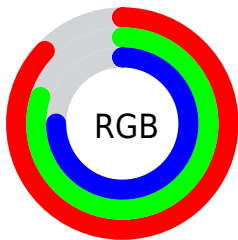
Format	Color
<a href="#">RYB</a>	<a href="#">221, 217, 191</a>
Decimal	<a href="#">14536127</a>
CIELab	<a href="#">83.34, 3.23, 8.98</a>
CIELCh	<a href="#">83, 9.545, 70.192</a>
Yxy	<a href="#">62.7964, 0.3354, 0.3450</a>
Android (android.graphics.Color)	<a href="#">4292726207</a> ( <a href="#">0xFFDDCDBF</a> )
YUV	<a href="#">208.1880, -8.4737, 11.2361</a>
Hunter-Lab	<a href="#">79.2442, -1.1625, 11.9462</a>

# Details

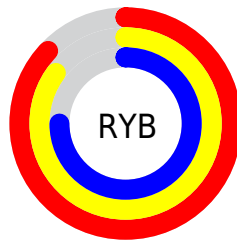
The Yxy color **62.7964, 0.3354, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8919, 0.2916, 0.3125**, and the grayscale version is **63.2536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **32.0752, 0.3409, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **56.4809, 0.3550, 0.3575**, and if you desaturate by 10%, it is **69.6873, 0.3183, 0.3331**.

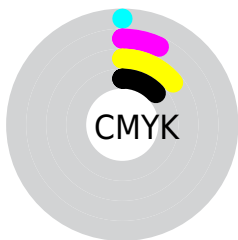
# Distribution



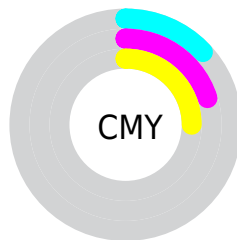
- Red (87%)
- Green (80%)
- Blue (75%)



- Red (87%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (13%)




- Cyan (13%)
- Magenta (20%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7964, 0.3354, 0.3450 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 62.7964, 0.3354, 0.3450 by changing the saturation by 10% instead.




 62.7964, 0.3354,  
0.3450

 62.7964, 0.3354,  
0.3450


434.8302, 0.3246,  
0.3375

 45.6765, 0.3380,  
0.3468


 108.8757, 0.3316,  
0.3424

 31.9906, 0.3412,  
0.3489


138.6040, 0.3301,  
0.3413

 21.3543, 0.3453,  
0.3517


173.3038, 0.3289,  
0.3405

 13.3833, 0.3508,  
0.3554

213.3595, 0.3278,  
0.3397

 7.6930, 0.3586,  
0.3605

259.1557, 0.3268,  
0.3390

 3.8991, 0.3702,  
0.3681

311.0766, 0.3260,

 1.6173, 0.3897,

0.3385

369.5066, 0.3252,  
0.3379

0.3801

0.3692, 0.5380,  
0.4620

0.0000, 0.0000,  
0.0000

62.7964, 0.3354,  
0.3450

62.7964, 0.3354,  
0.3450

56.4809, 0.3550,  
0.3575

69.6873, 0.3183,  
0.3331

50.7168, 0.3773,  
0.3703

77.1603, 0.3034,  
0.3219

45.4900, 0.4023,  
0.3827

85.0861, 0.2919,  
0.3139

40.7831, 0.4296,  
0.3941

92.2486, 0.2922,  
0.3260

■ 36.5773, 0.4585,  
0.4032

■ 94.1109, 0.2923,  
0.3289

■ 32.8525, 0.4875,  
0.4088

■ 29.5863, 0.5149,  
0.4097

■ 26.7539, 0.5387,  
0.4051

■ 25.1460, 0.5520,  
0.3999

# Harmonies

## Analogous

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



62.7964, 0.3360, 0.3361



62.7964, 0.3354, 0.3450



62.7964, 0.3286, 0.3498

# Triad

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



62.7964, 0.3354, 0.3450



62.7964, 0.2954, 0.3322



62.7964, 0.3075, 0.3100

# Complementary

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



62.7964, 0.3354, 0.3450



60.8919, 0.2916, 0.3125

# 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.



62.7964, 0.2969, 0.3087



62.7964, 0.3354, 0.3450



62.7964, 0.2900, 0.3212

# Square

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



62.7964, 0.3354, 0.3450



62.7964, 0.3054, 0.3424



62.7964, 0.2905, 0.3127



62.7964, 0.3198, 0.3161



# Rectangle

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



62.7964, 0.3354, 0.3450



62.7964, 0.3215, 0.3499



62.7964, 0.2905, 0.3127



62.7964, 0.3036, 0.3090

# Sweetspot

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



62.7992, 0.3354, 0.3450



95.9454, 0.3190, 0.3336



57.1218, 0.3250, 0.3109



20.3762, 0.3202, 0.3345



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

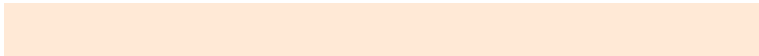


# Same Dimension

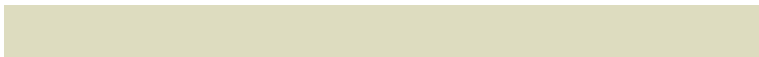
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7992, 0.3354, 0.3450



84.5647, 0.3401, 0.3481



70.3128, 0.3331, 0.3614



14.0507, 0.3280, 0.3400



14.8314, 0.5494, 0.4020



1.1323, 0.5228, 0.4231

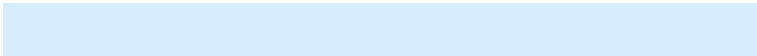


# Inverse Universe

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



60.8919, 0.2916, 0.3125



81.4881, 0.2876, 0.3091



53.9768, 0.2911, 0.2944



13.7589, 0.2982, 0.3178



10.7370, 0.1804, 0.1694

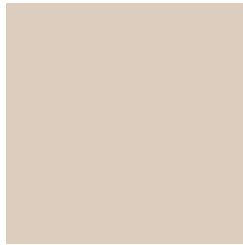


0.8676, 0.1882, 0.1975



# Previews

## White Background



This preview shows how the Yxy color 62.7964, 0.3354, 0.3450 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

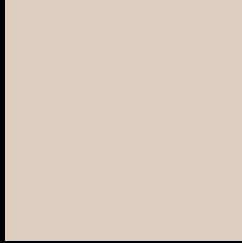
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.7964, 0.3354, 0.3450 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

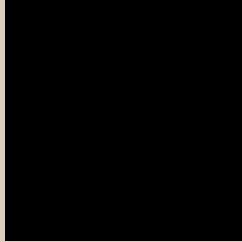
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

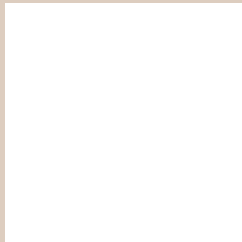
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.7964, 0.3354, 0.3450**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.7964, 0.3354, 0.3450.

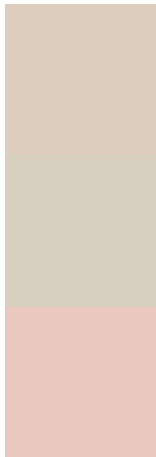


This preview shows how white text looks on a background with the Yxy color 62.7964, 0.3354, 0.3450.

# 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

62.7964, 0.3354, 0.3450

### Protanopia

62.8785, 0.3296, 0.3463

### Deuteranopia

62.6067, 0.3460, 0.3379



## Tritanopia

62.6303, 0.3189, 0.3114

# Trichromacy



## Original Color

62.7964, 0.3354, 0.3450

## Protanomaly

62.7001, 0.3313, 0.3451

## Deuteranomaly

62.7048, 0.3415, 0.3402

## Tritanomaly

62.4831, 0.3247, 0.3223

# Monochromacy



## Original Color

62.7964, 0.3354, 0.3450

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

63.0360, 0.3208, 0.3347

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.7964, 0.3354, 0.3450 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(221, 205, 191)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 191)  
}
```

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(221, 205, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 191) }
```

## Border

The CSS property to change the border of an element to Yxy 62.7964, 0.3354, 0.3450 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(221, 205, 191) }
```

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

```
.border{ border-color:rgb(221, 205, 191) }
```

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

Here you see how a box with a 4 pixel rgb(221, 205, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 205, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 205, 191);  
box-shadow:4px 4px 4px 4px rgb(221, 205,  
191) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.7964, 0.3354, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 205, 191) }
```

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

```
.background{ background-color: rgb(221,  
205, 191) }
```

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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