

Converting Colors

$Yxy(62.3825, 0.3334, 0.3467)$

Have a look what the booklet for
Yxy(62.3825, 0.3334, 0.3467)
contains.

Yxy(62.2858, 0.3337, 0.3462)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.2858, 0.3337, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	DACDBE
RGB	218, 205, 190
RGB Percent	85%, 80%, 75%
CMY	0.1452, 0.1960, 0.2548
CMYK	0.00, 0.06, 0.13, 0.15
HSL	32°, 27%, 80%
HSV	32°, 13%, 85%
XYZ	60.0369, 62.2858, 57.5901
YIQ	207.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

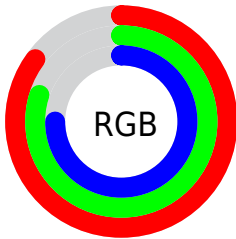
Format	Color
RYB	214, 218, 190
Decimal	14339518
CIELab	83.07, 2.00, 9.06
CIElCh	83, 9.277, 77.545
Yxy	62.2858, 0.3337, 0.3462
Android (android.graphics.Color)	4292529598 (0xFFDACDBE)
YUV	207.1770, -8.4683, 9.4918
Hunter-Lab	78.9214, -2.3242, 11.9802

Details

The Yxy color **62.2858, 0.3337, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7243, 0.2928, 0.3112**, and the grayscale version is **62.5675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **31.7259, 0.3388, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **56.7208, 0.3525, 0.3604**, and if you desaturate by 10%, it is **68.3118, 0.3170, 0.3327**.

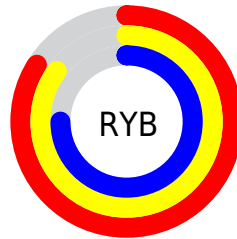
Distribution



Red (85%)

Green (80%)

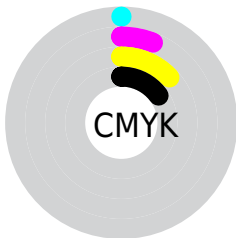
Blue (75%)



Red (84%)

Yellow (85%)

Blue (75%)

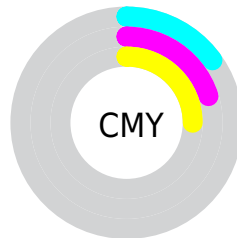


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2858, 0.3337, 0.3462 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 62.2858, 0.3337, 0.3462 by changing the saturation by 10% instead.


 62.2858, 0.3337,
0.3462

 62.2858, 0.3337,
0.3462


432.9728, 0.3237,
0.3381

 45.2637, 0.3361,
0.3481


 108.1385, 0.3302,
0.3433

 31.6652, 0.3390,
0.3505

137.7378, 0.3288,
0.3422

 21.1059, 0.3429,
0.3535


172.2984, 0.3276,
0.3413

 13.2014, 0.3480,
0.3576

212.2045, 0.3266,
0.3405

 7.5674, 0.3552,
0.3633

257.8406, 0.3258,
0.3398

 3.8194, 0.3660,
0.3717

309.5911, 0.3250,

 1.5731, 0.3841,

0.3391

367.8404, 0.3243,
0.3386

0.3853

0.3393, 0.5225,
0.4775

0.0000, 0.0000,
0.0000

62.2858, 0.3337,
0.3462

62.2858, 0.3337,
0.3462

56.7208, 0.3525,
0.3604

68.3118, 0.3170,
0.3327

51.5964, 0.3736,
0.3748

74.8022, 0.3024,
0.3200

46.9024, 0.3969,
0.3890

81.7434, 0.2899,
0.3086

42.6254, 0.4219,
0.4021

87.7132, 0.2902,
0.3192

■ 38.7508, 0.4478,
0.4130

■ 93.6423, 0.2906,
0.3289

■ 35.2628, 0.4736,
0.4204

■ 32.1441, 0.4977,
0.4233

■ 29.3750, 0.5186,
0.4207

■ 27.5836, 0.5317,
0.4161

Harmonies

Analogous

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



62.2858, 0.3359, 0.3383



62.2858, 0.3337, 0.3462



62.2858, 0.3258, 0.3496

Triad

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



62.2858, 0.3337, 0.3462



62.2858, 0.2940, 0.3294



62.2858, 0.3106, 0.3115

Complementary

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



62.2858, 0.3337, 0.3462



58.7243, 0.2928, 0.3112

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.



62.2858, 0.2995, 0.3090



62.2858, 0.3337, 0.3462



62.2858, 0.2901, 0.3190

Square

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



62.2858, 0.3337, 0.3462



62.2858, 0.3029, 0.3399



62.2858, 0.2921, 0.3117



62.2858, 0.3224, 0.3185

Rectangle

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



62.2858, 0.3337, 0.3462



62.2858, 0.3185, 0.3488



62.2858, 0.2921, 0.3117



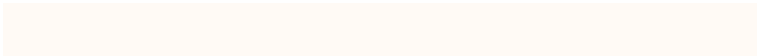
62.2858, 0.3066, 0.3101

Sweetspot

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



62.2886, 0.3337, 0.3462



96.3773, 0.3190, 0.3343



56.0579, 0.3256, 0.3141



20.4855, 0.3202, 0.3353



0.0000, 0.0000, 0.0000



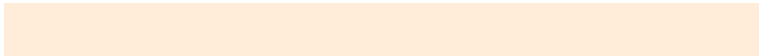
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2886, 0.3337, 0.3462



86.9697, 0.3379, 0.3494



68.6104, 0.3311, 0.3606



14.2015, 0.3278, 0.3415



16.7465, 0.5296, 0.4177



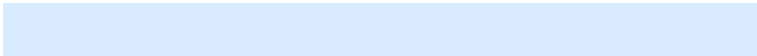
1.2568, 0.5068, 0.4358

Inverse Universe

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



58.7243, 0.2928, 0.3112



81.0645, 0.2891, 0.3077



52.9727, 0.2931, 0.2955



13.6082, 0.2982, 0.3161



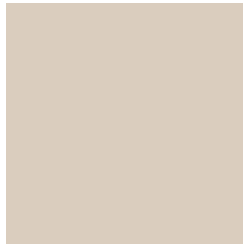
8.8389, 0.1741, 0.1468



0.7439, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 62.2858, 0.3337, 0.3462 looks on a white background.

Color Contrast Check

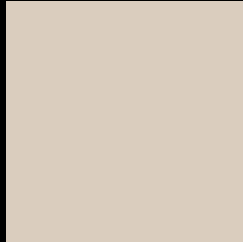
Large Text (above 18pt) WCAG AA × Fail

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 62.2858, 0.3337, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

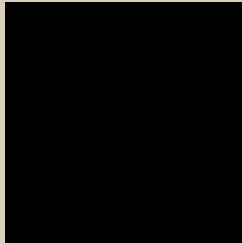
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

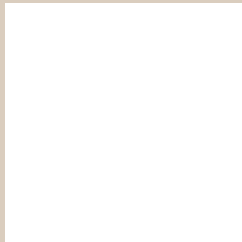
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2858, 0.3337, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 62.2858, 0.3337, 0.3462.



This preview shows how white text looks on a background with the Yxy color 62.2858, 0.3337, 0.3462.

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

62.2858, 0.3337, 0.3462

Protanopia

62.2003, 0.3297, 0.3464

Deuteranopia

62.3938, 0.3459, 0.3390



Tritanopia

62.3126, 0.3174, 0.3113

Trichromacy



Original Color

62.2858, 0.3337, 0.3462

Protanomaly

62.3513, 0.3305, 0.3463

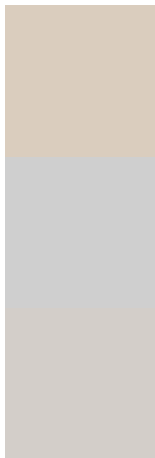
Deuteranomaly

62.4966, 0.3415, 0.3414

Tritanomaly

62.1182, 0.3239, 0.3234

Monochromacy



Original Color

62.2858, 0.3337, 0.3462

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2085, 0.3201, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2858, 0.3337, 0.3462 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(218, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 190)  
}
```

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(218, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 190) }
```

Border

The CSS property to change the border of an element to Yxy 62.2858, 0.3337, 0.3462 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(218, 205, 190) }
```

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

```
.border{ border-color:rgb(218, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2858, 0.3337, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 190) }
```

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

```
.background{ background-color: rgb(218,  
205, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor