

Converting Colors

Yxy(62.7612, 0.3417, 0.3516)

Have a look what the booklet for
Yxy(62.7612, 0.3417, 0.3516)
contains.

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Color

Yxy(62.8534, 0.3415, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	DFCDB9
RGB	223, 205, 185
RGB Percent	87%, 80%, 73%
CMY	0.1253, 0.1961, 0.2744
CMYK	0.00, 0.08, 0.17, 0.13
HSL	32°, 37%, 80%
HSV	32°, 17%, 87%
XYZ	61.0305, 62.8534, 54.8292
YIQ	208.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

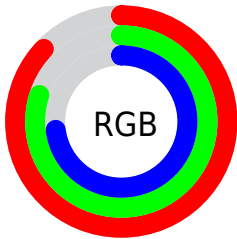
Format	Color
R _Y B	219, 223, 185
Decimal	14667193
CIE Lab	83.37, 3.06, 12.20
CIE LCh	83, 12.581, 75.917
Yxy	62.8534, 0.3415, 0.3517
Android (android.graphics.Color)	4292857273 (0xFFDFCDB9)
YUV	208.1020, -11.3893, 13.0655
Hunter-Lab	79.2801, -1.3294, 14.4918

Details

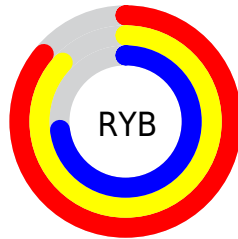
The Yxy color $62.8534, 0.3415, 0.3517$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.3954, 0.2860, 0.3052$, and the grayscale version is $63.2184, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.1309, 0.3209, 0.3425$, and $32.1240, 0.3491, 0.3574$ is the 20% darker color. If you saturate the color by 10%, you get $57.0906, 0.3614, 0.3658$, and if you desaturate by 10%, it is $69.1125, 0.3238, 0.3381$.

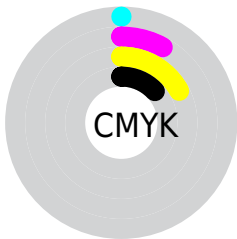
Distribution



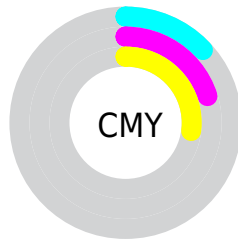
- Red (87%)
- Green (80%)
- Blue (73%)



- Red (86%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8534, 0.3415, 0.3517 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 62.8534, 0.3415, 0.3517 by changing the saturation by 10% instead.


 62.8534, 0.3415,
0.3517

 62.8534, 0.3415,
0.3517


435.0373, 0.3278,
0.3410

 45.7226, 0.3447,
0.3542


 108.9580, 0.3367,
0.3480

 32.0270, 0.3488,
0.3573


138.7006, 0.3348,
0.3465

 21.3821, 0.3540,
0.3612


173.4159, 0.3332,
0.3453

 13.4036, 0.3609,
0.3664

213.4883, 0.3318,
0.3442

 7.7071, 0.3707,
0.3736

259.3023, 0.3306,
0.3432

 3.9081, 0.3852,
0.3841

311.2422, 0.3296,

 1.6223, 0.4104,

0.3424

0.4019

369.6924, 0.3286,
0.3417

0.3725, 0.5351,
0.4649

0.0000, 0.0000,
0.0000

62.8534, 0.3415,
0.3517

62.8534, 0.3415,
0.3517

57.0906, 0.3614,
0.3658

69.1125, 0.3238,
0.3381

51.8022, 0.3837,
0.3800

75.8725, 0.3083,
0.3253

46.9765, 0.4081,
0.3936

83.1486, 0.2948,
0.3134

42.5984, 0.4340,
0.4056

89.6505, 0.2933,
0.3212

■ 38.6514, 0.4606,
0.4150

■ 94.4340, 0.2935,
0.3289

■ 35.1176, 0.4864,
0.4203

■ 31.9772, 0.5099,
0.4206

■ 29.2064, 0.5296,
0.4155

■ 28.4485, 0.5350,
0.4134

Harmonies

Analogous

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



62.8534, 0.3441, 0.3407



62.8534, 0.3415, 0.3517



62.8534, 0.3311, 0.3569

Triad

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



62.8534, 0.3415, 0.3517



62.8534, 0.2880, 0.3302



62.8534, 0.3089, 0.3052

Complementary

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



62.8534, 0.3415, 0.3517



58.3954, 0.2860, 0.3052

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.



62.8534, 0.2942, 0.3021



62.8534, 0.3415, 0.3517



62.8534, 0.2824, 0.3161

Square

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



62.8534, 0.3415, 0.3517



62.8534, 0.3002, 0.3445



62.8534, 0.2846, 0.3059



62.8534, 0.3249, 0.3142

Rectangle

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



62.8534, 0.3415, 0.3517



62.8534, 0.3213, 0.3561



62.8534, 0.2846, 0.3059



62.8534, 0.3036, 0.3035

Sweetspot

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



62.8562, 0.3415, 0.3517



95.4039, 0.3206, 0.3355



54.7348, 0.3301, 0.3082



20.2851, 0.3217, 0.3364



0.0000, 0.0000, 0.0000



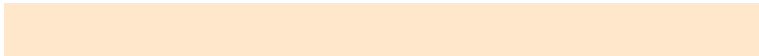
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8562, 0.3415, 0.3517



82.6509, 0.3474, 0.3560



71.8932, 0.3378, 0.3713



14.8859, 0.3279, 0.3413



16.9493, 0.5328, 0.4151



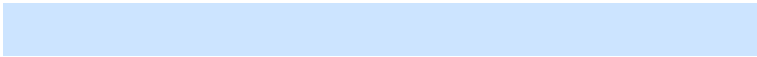
1.3538, 0.5106, 0.4328

Inverse Universe

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



58.3954, 0.2860, 0.3052



75.6628, 0.2809, 0.3004



50.4365, 0.2854, 0.2831



14.3114, 0.2981, 0.3164



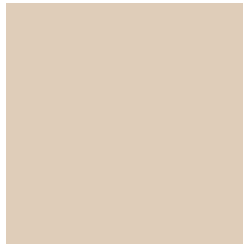
9.4026, 0.1750, 0.1501



0.8301, 0.1830, 0.1789

Previews

White Background



This preview shows how the Yxy color 62.8534, 0.3415, 0.3517 looks on a white background.

Color Contrast Check

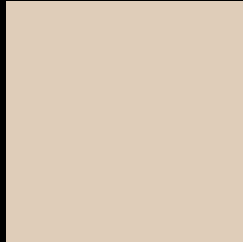
Large Text (above 18pt) WCAG AA × Fail

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 62.8534, 0.3415, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

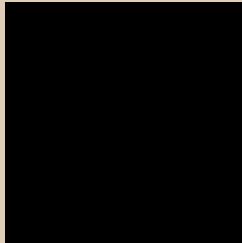
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

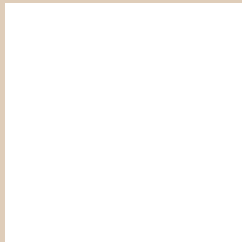
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8534, 0.3415, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 62.8534, 0.3415, 0.3517.



This preview shows how white text looks on a background with the Yxy color 62.8534, 0.3415, 0.3517.

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

62.8534, 0.3415, 0.3517

Protanopia

62.9225, 0.3356, 0.3532

Deuteranopia

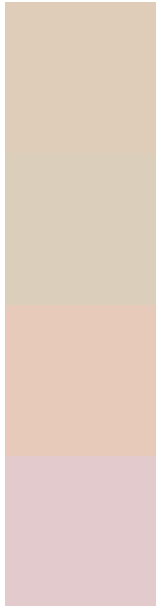
62.6866, 0.3523, 0.3445



Tritanopia

62.5973, 0.3221, 0.3115

Trichromacy



Original Color

62.8534, 0.3415, 0.3517

Protanomaly

62.7479, 0.3374, 0.3519

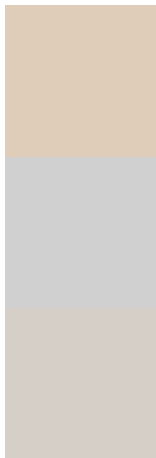
Deuteranomaly

62.7752, 0.3478, 0.3469

Tritanomaly

62.8176, 0.3293, 0.3257

Monochromacy



Original Color

62.8534, 0.3415, 0.3517

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9419, 0.3223, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8534, 0.3415, 0.3517 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(223, 205, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 185)  
}
```

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(223, 205, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 185) }
```

Border

The CSS property to change the border of an element to Yxy 62.8534, 0.3415, 0.3517 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(223, 205, 185) }
```

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

```
.border{ border-color:rgb(223, 205, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 205, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 205, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 205, 185); box-shadow:4px 4px 4px 4px rgb(223, 205, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8534, 0.3415, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 185) }
```

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

```
.background{ background-color: rgb(223,  
205, 185) }
```

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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