

Converting Colors

$Yxy(62.8463, 0.3465, 0.3669)$

Have a look what the booklet for
Yxy(62.8463, 0.3465, 0.3669)
contains.

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Color

Yxy(62.8973, 0.3469, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	DCCFAE
RGB	220, 207, 174
RGB Percent	86%, 81%, 68%
CMY	0.1373, 0.1882, 0.3175
CMYK	0.00, 0.06, 0.21, 0.14
HSL	43°, 40%, 77%
HSV	43°, 21%, 86%
XYZ	59.4687, 62.8973, 49.0630
YIQ	207.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

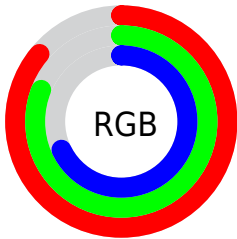
Format	Color
RYB	192, 220, 174
Decimal	14471086
CIELab	83.39, -0.75, 18.03
CIELCh	83, 18.044, 92.381
Yxy	62.8973, 0.3469, 0.3669
Android (android.graphics.Color)	4292661166 (0xFFDCCFAE)
YUV	207.1250, -16.3306, 11.2914
Hunter-Lab	79.3078, -4.9410, 18.8363

Details

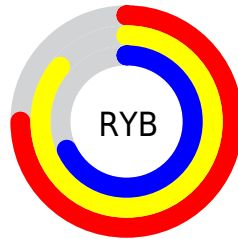
The Yxy color **62.8973, 0.3469, 0.3669** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7162, 0.2789, 0.2880**, and the grayscale version is **62.5822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **32.1623, 0.3563, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **59.1576, 0.3653, 0.3857**, and if you desaturate by 10%, it is **66.9018, 0.3298, 0.3484**.

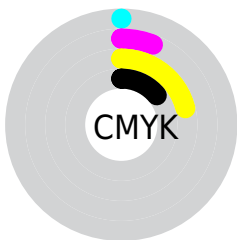
Distribution



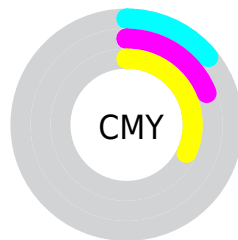
- Red (86%)
- Green (81%)
- Blue (68%)



- Red (75%)
- Yellow (86%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (14%)




- Cyan (14%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8973, 0.3469, 0.3669 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 62.8973, 0.3469, 0.3669 by changing the saturation by 10% instead.


 62.8973, 0.3469,
0.3669

 62.8973, 0.3469,
0.3669


435.1967, 0.3307,
0.3489

 45.7581, 0.3507,
0.3711


 109.0213, 0.3412,
0.3606

 32.0550, 0.3554,
0.3764


138.7750, 0.3390,
0.3581

 21.4035, 0.3614,
0.3831


173.5023, 0.3371,
0.3560

 13.4193, 0.3693,
0.3920

213.5875, 0.3355,
0.3542

 7.7179, 0.3802,
0.4042

259.4152, 0.3341,
0.3527

 3.9150, 0.3958,
0.4220

311.3697, 0.3328,

 1.6261, 0.4341,

0.3513

0.4649

369.8354, 0.3317,
0.3500

0.3751, 0.4742,
0.5258

0.0000, 0.0000,
0.0000

62.8973, 0.3469,
0.3669

62.8973, 0.3469,
0.3669

59.1576, 0.3653,
0.3857

66.9018, 0.3298,
0.3484

55.6660, 0.3846,
0.4042

71.1703, 0.3141,
0.3306

52.4167, 0.4043,
0.4215

75.7130, 0.2998,
0.3137

49.4000, 0.4237,
0.4365

80.0759, 0.2910,
0.3051

■ 46.6056, 0.4419,
0.4482

■ 83.6354, 0.2912,
0.3116

■ 44.0215, 0.4579,
0.4556

■ 87.3199, 0.2914,
0.3180

■ 41.6339, 0.4711,
0.4580

■ 91.1307, 0.2916,
0.3244

■ 39.6103, 0.4807,
0.4565

■ 93.9549, 0.2917,
0.3289

Harmonies

Analogous

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



62.8973, 0.3573, 0.3548



62.8973, 0.3469, 0.3669



62.8973, 0.3274, 0.3689

Triad

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



62.8973, 0.3469, 0.3669



62.8973, 0.2719, 0.3189



62.8973, 0.3198, 0.3015

Complementary

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



62.8973, 0.3469, 0.3669



49.7162, 0.2789, 0.2880

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.



62.8973, 0.2970, 0.2922



62.8973, 0.3469, 0.3669



62.8973, 0.2699, 0.3013

Square

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



62.8973, 0.3469, 0.3669



62.8973, 0.2843, 0.3403



62.8973, 0.2789, 0.2919



62.8973, 0.3414, 0.3174

Rectangle

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



62.8973, 0.3469, 0.3669



62.8973, 0.3121, 0.3636



62.8973, 0.2789, 0.2919



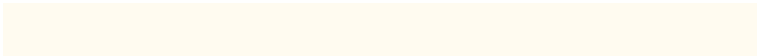
62.8973, 0.3120, 0.2975

Sweetspot

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



62.9001, 0.3469, 0.3669



96.3259, 0.3220, 0.3396



49.0872, 0.3429, 0.3138



20.5339, 0.3230, 0.3408



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.



62.9001, 0.3469, 0.3669



85.5926, 0.3547, 0.3750



67.9477, 0.3365, 0.3822



14.6095, 0.3274, 0.3457



23.4459, 0.4796, 0.4574



1.6623, 0.4675, 0.4670

Inverse Universe

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



49.7162, 0.2789, 0.2880



64.0596, 0.2713, 0.2783



45.6379, 0.2856, 0.2725



13.2134, 0.2981, 0.3117



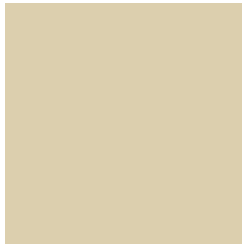
5.2292, 0.1601, 0.0965



0.4836, 0.1691, 0.1289

Previews

White Background



This preview shows how the Yxy color 62.8973, 0.3469, 0.3669 looks on a white background.

Color Contrast Check

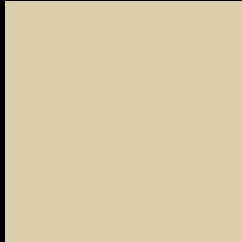
Large Text (above 18pt) WCAG AA × Fail

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 62.8973, 0.3469, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

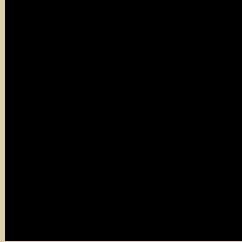
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8973, 0.3469, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 62.8973, 0.3469, 0.3669.

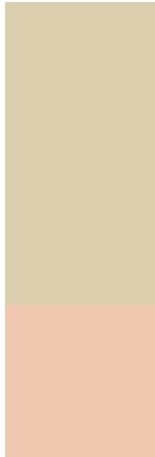


This preview shows how white text looks on a background with the Yxy color 62.8973, 0.3469, 0.3669.

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

62.8973, 0.3469, 0.3669

Protanopia

62.7417, 0.3461, 0.3670

Deuteranopia

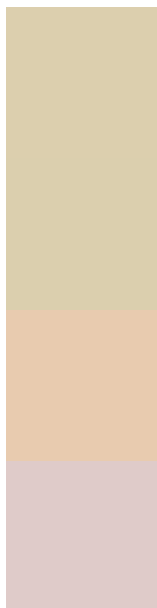
62.7544, 0.3635, 0.3565



Tritanopia

62.7906, 0.3197, 0.3114

Trichromacy



Original Color

62.8973, 0.3469, 0.3669

Protanomaly

62.7417, 0.3461, 0.3670

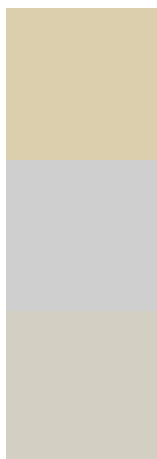
Deuteranomaly

62.9628, 0.3569, 0.3603

Tritanomaly

62.6169, 0.3298, 0.3313

Monochromacy



Original Color

62.8973, 0.3469, 0.3669

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5628, 0.3251, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8973, 0.3469, 0.3669 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(220, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(220, 207, 174)  
}
```

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(220, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 207, 174) }
```

Border

The CSS property to change the border of an element to Yxy 62.8973, 0.3469, 0.3669 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(220, 207, 174) }
```

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

```
.border{ border-color:rgb(220, 207, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 207, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(220, 207,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8973, 0.3469, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 207, 174) }
```

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

```
.background{ background-color: rgb(220,  
207, 174) }
```

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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