

Converting Colors

$Yxy(62.6247, 0.3466, 0.3577)$

Have a look what the booklet for
Yxy(62.6247, 0.3466, 0.3577)
contains.

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Color

Yxy(62.7646, 0.3468, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	E0CDB3
RGB	224, 205, 179
RGB Percent	88%, 80%, 70%
CMY	0.1217, 0.1960, 0.2980
CMYK	0.00, 0.08, 0.20, 0.12
HSL	35°, 42%, 79%
HSV	35°, 20%, 88%
XYZ	60.6993, 62.7646, 51.5629
YIQ	207.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

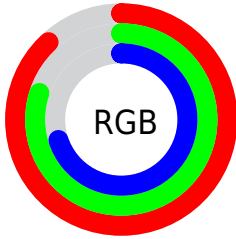
Format	Color
R _Y B	212, 224, 179
Decimal	14732723
CIE Lab	83.32, 2.48, 15.35
CIE LCh	83, 15.546, 80.815
Yxy	62.7646, 0.3468, 0.3586
Android (android.graphics.Color)	4292922803 (0xFFE0CDB3)
YUV	207.7170, -14.1575, 14.2802
Hunter-Lab	79.2241, -1.8805, 16.8681

Details

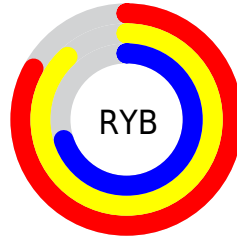
The Yxy color $62.7646, 0.3468, 0.3586$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $55.3255, 0.2808, 0.2975$, and the grayscale version is $62.9663, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7782, 0.3244, 0.3483$, and $31.9644, 0.3552, 0.3665$ is the 20% darker color. If you saturate the color by 10%, you get $57.5540, 0.3668, 0.3741$, and if you desaturate by 10%, it is $68.4003, 0.3288, 0.3435$.

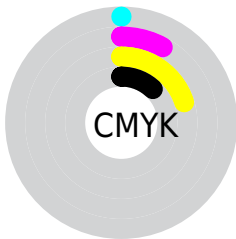
Distribution



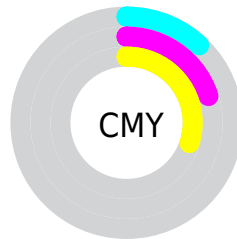
- Red (88%)
- Green (80%)
- Blue (70%)



- Red (83%)
- Yellow (88%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7646, 0.3468, 0.3586 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 62.7646, 0.3468, 0.3586 by changing the saturation by 10% instead.


 62.7646, 0.3468,
0.3586

 62.7646, 0.3468,
0.3586


434.7147, 0.3306,
0.3446

 45.6508, 0.3506,
0.3618


 108.8298, 0.3411,
0.3537

 31.9703, 0.3554,
0.3659


138.5500, 0.3389,
0.3518

 21.3389, 0.3615,
0.3710


173.2412, 0.3370,
0.3502

 13.3719, 0.3696,
0.3778

213.2877, 0.3354,
0.3488

 7.6851, 0.3809,
0.3871

259.0739, 0.3339,
0.3476

 3.8941, 0.3976,
0.4005

310.9842, 0.3327,

 1.6145, 0.4311,

0.3465

0.4278

369.4030, 0.3316,
0.3455

0.3674, 0.5273,
0.4727

0.0000, 0.0000,
0.0000

62.7646, 0.3468,
0.3586

62.7646, 0.3468,
0.3586

57.5540, 0.3668,
0.3741

68.4003, 0.3288,
0.3435

52.7481, 0.3887,
0.3895

74.4639, 0.3128,
0.3291

48.3373, 0.4121,
0.4040

80.9690, 0.2987,
0.3156

44.3081, 0.4364,
0.4165

87.0196, 0.2937,
0.3165

■ 40.6459, 0.4605,
0.4259

■ 92.8057, 0.2940,
0.3261

■ 37.3347, 0.4831,
0.4310

■ 94.5811, 0.2940,
0.3289

■ 34.3562, 0.5029,
0.4308

■ 31.7013, 0.5193,
0.4259

Harmonies

Analogous

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



62.7646, 0.3518, 0.3458



62.7646, 0.3468, 0.3586



62.7646, 0.3326, 0.3638

Triad

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



62.7646, 0.3468, 0.3586



62.7646, 0.2805, 0.3274



62.7646, 0.3111, 0.3012

Complementary

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



62.7646, 0.3468, 0.3586



55.3255, 0.2808, 0.2975

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.



62.7646, 0.2924, 0.2960



62.7646, 0.3468, 0.3586



62.7646, 0.2752, 0.3104

Square

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



62.7646, 0.3468, 0.3586



62.7646, 0.2944, 0.3455



62.7646, 0.2794, 0.2992



62.7646, 0.3308, 0.3132

Rectangle

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



62.7646, 0.3468, 0.3586



62.7646, 0.3200, 0.3618



62.7646, 0.2794, 0.2992



62.7646, 0.3045, 0.2986

Sweetspot

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



62.7674, 0.3468, 0.3586



95.0094, 0.3221, 0.3376



52.1811, 0.3357, 0.3068



20.2224, 0.3232, 0.3385



0.0000, 0.0000, 0.0000



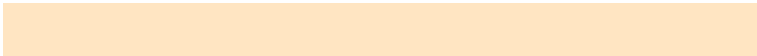
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7674, 0.3468, 0.3586



81.3043, 0.3548, 0.3649



71.9115, 0.3406, 0.3792



15.0114, 0.3278, 0.3426



18.6918, 0.5174, 0.4274



1.4717, 0.4982, 0.4426

Inverse Universe

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



55.3255, 0.2808, 0.2975



69.6312, 0.2739, 0.2902



47.5650, 0.2816, 0.2741



14.1877, 0.2981, 0.3151



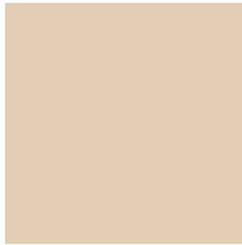
8.0474, 0.1704, 0.1332



0.7321, 0.1788, 0.1635

Previews

White Background



This preview shows how the Yxy color 62.7646, 0.3468, 0.3586 looks on a white background.

Color Contrast Check

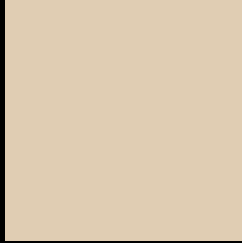
Large Text (above 18pt) WCAG AA × Fail

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 62.7646, 0.3468, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

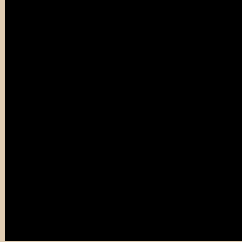
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

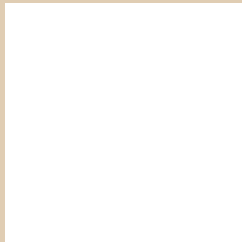
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7646, 0.3468, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 62.7646, 0.3468, 0.3586.



This preview shows how white text looks on a background with the Yxy color 62.7646, 0.3468, 0.3586.

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

62.7646, 0.3468, 0.3586

Protanopia

62.8264, 0.3408, 0.3601

Deuteranopia

62.7810, 0.3587, 0.3510



Tritanopia

62.8729, 0.3244, 0.3127

Trichromacy



Original Color

62.7646, 0.3468, 0.3586

Protanomaly

62.6535, 0.3426, 0.3588

Deuteranomaly

62.8600, 0.3541, 0.3535

Tritanomaly

62.8362, 0.3323, 0.3291

Monochromacy



Original Color

62.7646, 0.3468, 0.3586

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9530, 0.3252, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7646, 0.3468, 0.3586 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(224, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 179)  
}
```

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(224, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 179) }
```

Border

The CSS property to change the border of an element to Yxy 62.7646, 0.3468, 0.3586 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(224, 205, 179) }
```

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

```
.border{ border-color:rgb(224, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 205, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 205, 179); box-shadow:4px 4px 4px 4px rgb(224, 205, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7646, 0.3468, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 179) }
```

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

```
.background{ background-color: rgb(224,  
205, 179) }
```

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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