

Converting Colors

Yxy(68.9048, 0.3412, 0.3473)

Have a look what the booklet for
Yxy(68.9048, 0.3412, 0.3473)
contains.

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Color

Yxy(69.0664, 0.3406, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	EAD5C4
RGB	234, 213, 196
RGB Percent	92%, 84%, 77%
CMY	0.0823, 0.1647, 0.2313
CMYK	0.00, 0.09, 0.16, 0.08
HSL	27°, 48%, 84%
HSV	27°, 16%, 92%
XYZ	67.6950, 69.0664, 61.9908
YIQ	217.3410, 17.9730, -0.8350

Conversions

Conversions Part 2

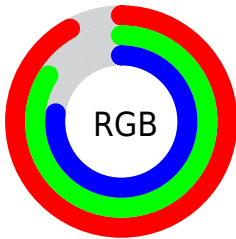
Format	Color
R _Y B	234, 227, 196
Decimal	15390148
CIE Lab	86.54, 4.55, 11.03
CIE LCh	87, 11.928, 67.564
Yxy	69.0664, 0.3406, 0.3475
Android (android.graphics.Color)	4293580228 (0xFFEAD5C4)
YUV	217.3410, -10.5211, 14.6099
Hunter-Lab	83.1062, -0.0368, 13.9486

Details

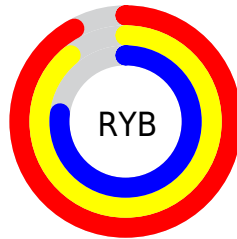
The Yxy color **69.0664, 0.3406, 0.3475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3189, 0.2873, 0.3098**, and the grayscale version is **69.7019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **35.8717, 0.3478, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **61.8327, 0.3612, 0.3596**, and if you desaturate by 10%, it is **76.9921, 0.3227, 0.3359**.

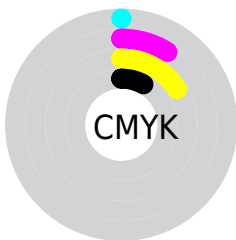
Distribution



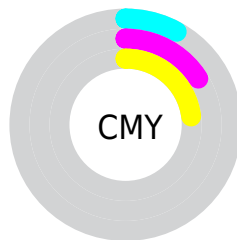
- Red (92%)
- Green (84%)
- Blue (77%)



- Red (92%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (8%)





- Cyan (8%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0664, 0.3406, 0.3475 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 69.0664, 0.3406, 0.3475 by changing the saturation by 10% instead.


 69.0664, 0.3406,
0.3475

 69.0664, 0.3406,
0.3475

457.2651, 0.3275,
0.3390

 50.7658, 0.3436,
0.3494


117.8764, 0.3360,
0.3445

 36.0222, 0.3474,
0.3518


149.1546, 0.3343,
0.3434

 24.4514, 0.3522,
0.3548


185.5274, 0.3327,
0.3424

 15.6688, 0.3586,
0.3588

227.3793, 0.3314,
0.3415

 9.2901, 0.3673,
0.3641

275.0946, 0.3303,
0.3408

 4.9309, 0.3802,
0.3716

329.0578, 0.3292,

 2.2068, 0.4007,

0.3401

389.6531, 0.3283,
0.3395

0.3830

0.7237, 0.5189,
0.4700

0.0000, 0.0000,
0.0000

69.0664, 0.3406,
0.3475

69.0664, 0.3406,
0.3475

61.8327, 0.3612,
0.3596

76.9921, 0.3227,
0.3359

55.2619, 0.3847,
0.3719

85.6193, 0.3072,
0.3250

49.3364, 0.4110,
0.3836

94.2257, 0.3000,
0.3258

44.0341, 0.4397,
0.3940

96.2359, 0.3000,
0.3290

■ 39.3315, 0.4698,
0.4018

■ 35.2030, 0.4997,
0.4058

■ 31.6206, 0.5274,
0.4046

■ 28.5521, 0.5507,
0.3980

■ 27.5187, 0.5586,
0.3947

Harmonies

Analogous

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



69.0664, 0.3407, 0.3364



69.0664, 0.3406, 0.3475



69.0664, 0.3329, 0.3540

Triad

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



69.0664, 0.3406, 0.3475



69.0664, 0.2926, 0.3340



69.0664, 0.3051, 0.3057

Complementary

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



69.0664, 0.3406, 0.3475



67.3189, 0.2873, 0.3098

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.



69.0664, 0.2926, 0.3046



69.0664, 0.3406, 0.3475



69.0664, 0.2855, 0.3206

Square

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



69.0664, 0.3406, 0.3475



69.0664, 0.3051, 0.3463



69.0664, 0.2855, 0.3099



69.0664, 0.3200, 0.3126

Rectangle

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



69.0664, 0.3406, 0.3475



69.0664, 0.3246, 0.3546



69.0664, 0.2855, 0.3099



69.0664, 0.3005, 0.3046

Sweetspot

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



69.0695, 0.3406, 0.3475



94.7894, 0.3206, 0.3345



62.0171, 0.3268, 0.3058



20.1358, 0.3218, 0.3353



0.0000, 0.0000, 0.0000



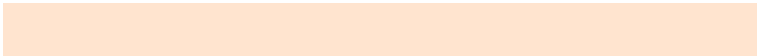
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0695, 0.3406, 0.3475



81.3436, 0.3462, 0.3509



78.9062, 0.3375, 0.3667



16.1626, 0.3282, 0.3396



15.7039, 0.5560, 0.3968



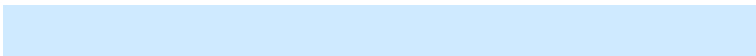
1.4225, 0.5324, 0.4155

Inverse Universe

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



67.3189, 0.2873, 0.3098



78.8931, 0.2828, 0.3060



58.3143, 0.2864, 0.2882



15.9302, 0.2981, 0.3182



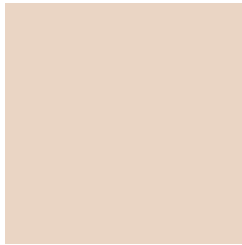
12.4761, 0.1823, 0.1761



1.1712, 0.1886, 0.1991

Previews

White Background



This preview shows how the Yxy color 69.0664, 0.3406, 0.3475 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 69.0664, 0.3406, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

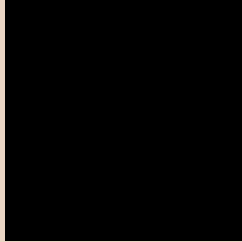
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0664, 0.3406, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 69.0664, 0.3406, 0.3475.



This preview shows how white text looks on a background with the Yxy color 69.0664, 0.3406, 0.3475.

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

69.0664, 0.3406, 0.3475

Protanopia

69.1965, 0.3318, 0.3489

Deuteranopia

69.0446, 0.3492, 0.3418



Tritanopia

69.2143, 0.3232, 0.3122

Trichromacy



Original Color

69.0664, 0.3406, 0.3475

Protanomaly

69.1261, 0.3349, 0.3488

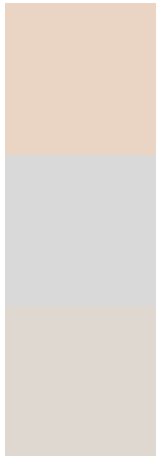
Deuteranomaly

68.8252, 0.3458, 0.3430

Tritanomaly

68.9528, 0.3302, 0.3248

Monochromacy



Original Color

69.0664, 0.3406, 0.3475

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4032, 0.3226, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0664, 0.3406, 0.3475 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(234, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(234, 213, 196)  
}
```

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(234, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 213, 196) }
```

Border

The CSS property to change the border of an element to Yxy 69.0664, 0.3406, 0.3475 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(234, 213, 196) }
```

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

```
.border{ border-color:rgb(234, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(234, 213,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0664, 0.3406, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 213, 196) }
```

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

```
.background{ background-color: rgb(234,  
213, 196) }
```

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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