

# Converting Colors

$Yxy(72.4283, 0.3348, 0.3410)$

Have a look what the booklet for  
Yxy(72.4283, 0.3348, 0.3410)  
contains.

<b>Yxy(72.6036, 0.3349, 0.3418)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(72.6036, 0.3349, 0.3418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDACE
RGB	237, 218, 206
RGB Percent	93%, 85%, 81%
CMY	0.0706, 0.1451, 0.1920
CMYK	0.00, 0.08, 0.13, 0.07
HSL	23°, 46%, 87%
HSV	23°, 13%, 93%
XYZ	71.1379, 72.6036, 68.6739
YIQ	222.3130, 15.1760, 0.2960

# Conversions

## Conversions Part 2

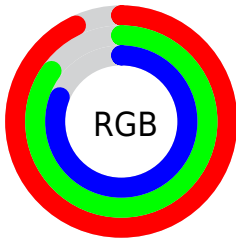
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 226, 206
Decimal	15588046
CIE <sub>Lab</sub>	88.26, 4.58, 8.24
CIE <sub>LCh</sub>	88, 9.425, 60.942
Yxy	72.6036, 0.3349, 0.3418
Android (android.graphics.Color)	4293778126 (0xFFEDDACE)
YUV	222.3130, -8.0423, 12.8805
Hunter-Lab	85.2077, -0.0881, 11.8601

# Details

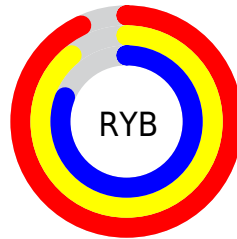
The Yxy color **72.6036, 0.3349, 0.3418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0993, 0.2924, 0.3159**, and the grayscale version is **73.3321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2851, 0.3401, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **64.3302, 0.3552, 0.3522**, and if you desaturate by 10%, it is **81.7181, 0.3175, 0.3319**.

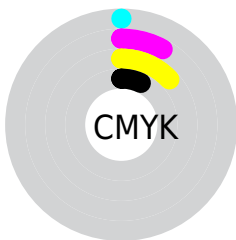
# Distribution



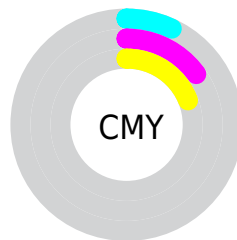
- Red (93%)
- Green (85%)
- Blue (81%)



- Red (93%)
- Yellow (89%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (7%)




- Cyan (7%)
- Magenta (15%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6036, 0.3349, 0.3418 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 72.6036, 0.3349, 0.3418 by changing the saturation by 10% instead.




 72.6036, 0.3349,  
0.3418

 72.6036, 0.3349,  
0.3418


469.6398, 0.3246,  
0.3360

 53.6519, 0.3373,  
0.3431


122.9143, 0.3313,  
0.3398

 38.3234, 0.3402,  
0.3447


155.0421, 0.3299,  
0.3390

 26.2338, 0.3439,  
0.3468


192.3307, 0.3287,  
0.3383

 16.9986, 0.3488,  
0.3494

235.1645, 0.3277,  
0.3377

 10.2335, 0.3556,  
0.3530

283.9279, 0.3268,  
0.3372

 5.5541, 0.3653,  
0.3580

339.0054, 0.3259,

 2.5759, 0.3808,

0.3367

0.3656

400.7812, 0.3252,  
0.3363

0.9146, 0.4256,  
0.3938

0.0000, 0.0000,  
0.0000

72.6036, 0.3349,  
0.3418

72.6036, 0.3349,  
0.3418

64.3302, 0.3552,  
0.3522

81.7181, 0.3175,  
0.3319

56.8634, 0.3787,  
0.3629

91.6874, 0.3027,  
0.3227

50.1808, 0.4056,  
0.3734

96.7435, 0.3017,  
0.3290

44.2547, 0.4356,  
0.3828

■ 39.0560, 0.4680,  
0.3902

■ 34.5534, 0.5012,  
0.3941

■ 30.7125, 0.5328,  
0.3935

■ 27.4949, 0.5601,  
0.3875

■ 25.6005, 0.5760,  
0.3808

# Harmonies

## Analogous

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



72.6036, 0.3336, 0.3327



72.6036, 0.3349, 0.3418



72.6036, 0.3302, 0.3477

# Triad

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



72.6036, 0.3349, 0.3418



72.6036, 0.2989, 0.3352



72.6036, 0.3045, 0.3102

# Complementary

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



72.6036, 0.3349, 0.3418



73.0993, 0.2924, 0.3159

# 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.



72.6036, 0.2954, 0.3105



72.6036, 0.3349, 0.3418



72.6036, 0.2923, 0.3247

# Square

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



72.6036, 0.3349, 0.3418



72.6036, 0.3093, 0.3440



72.6036, 0.2910, 0.3157



72.6036, 0.3158, 0.3147



# Rectangle

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



72.6036, 0.3349, 0.3418



72.6036, 0.3243, 0.3489



72.6036, 0.2910, 0.3157



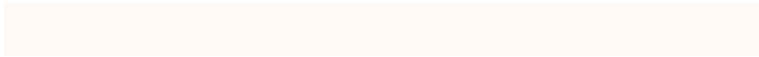
72.6036, 0.3010, 0.3097

# Sweetspot

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



72.6068, 0.3349, 0.3418



95.4344, 0.3191, 0.3328



67.6026, 0.3226, 0.3089



20.2470, 0.3203, 0.3335



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

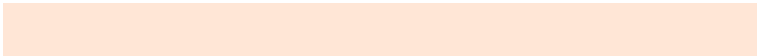


# Same Dimension

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



72.6068, 0.3349, 0.3418



82.7085, 0.3407, 0.3449



80.9551, 0.3328, 0.3577



16.0094, 0.3283, 0.3382



14.2138, 0.5731, 0.3832



1.2977, 0.5474, 0.4036

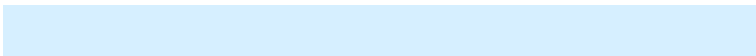


# Inverse Universe

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



73.0993, 0.2924, 0.3159



83.4074, 0.2877, 0.3126



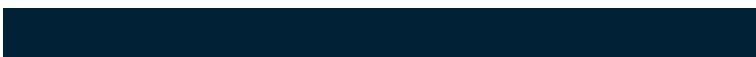
65.1559, 0.2920, 0.2986



16.0867, 0.2981, 0.3197



14.7116, 0.1881, 0.1972

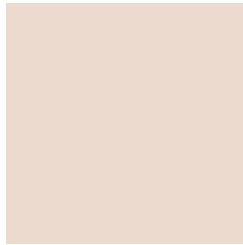


1.3408, 0.1937, 0.2174



# Previews

## White Background



This preview shows how the Yxy color 72.6036, 0.3349, 0.3418 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 72.6036, 0.3349, 0.3418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

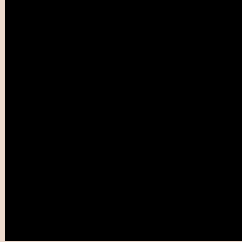
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 72.6036, 0.3349, 0.3418**

## **Background**



This preview shows how black text looks on a background with the Yxy color 72.6036, 0.3349, 0.3418.

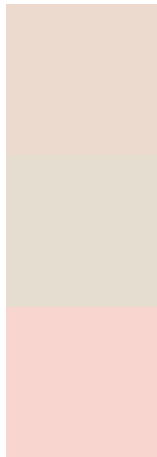


This preview shows how white text looks on a background with the Yxy color 72.6036, 0.3349, 0.3418.

# 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

72.6036, 0.3349, 0.3418

### Protanopia

72.8759, 0.3279, 0.3442

### Deuteranopia

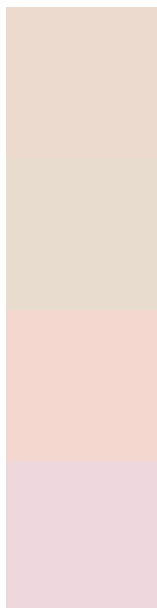
72.5546, 0.3431, 0.3364



## Tritanopia

72.3879, 0.3201, 0.3114

# Trichromacy



## Original Color

72.6036, 0.3349, 0.3418

## Protanomaly

72.8472, 0.3302, 0.3430

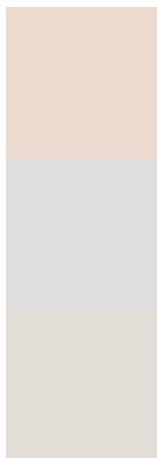
## Deuteranomaly

72.3390, 0.3399, 0.3375

## Tritanomaly

72.2255, 0.3255, 0.3217

# Monochromacy



## Original Color

72.6036, 0.3349, 0.3418

## Achromatopsia

73.0461, 0.3127, 0.3290

## Achromatomaly

73.0017, 0.3203, 0.3344

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 72.6036, 0.3349, 0.3418 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(237, 218, 206)` looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 206)  
}
```

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(237, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 72.6036, 0.3349, 0.3418 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(237, 218, 206) }
```

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

```
.border{ border-color:rgb(237, 218, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 206);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 72.6036, 0.3349, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 206) }
```

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

```
.background{ background-color: rgb(237,  
218, 206) }
```

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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