

Converting Colors

$Yxy(72.5488, 0.3304, 0.3397)$

Have a look what the booklet for
Yxy(72.5488, 0.3304, 0.3397)
contains.

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Color

Yxy(72.7589, 0.3305, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	EADBD1
RGB	234, 219, 209
RGB Percent	92%, 86%, 82%
CMY	0.0821, 0.1412, 0.1804
CMYK	0.00, 0.06, 0.11, 0.08
HSL	24°, 37%, 87%
HSV	24°, 11%, 92%
XYZ	70.7884, 72.7589, 70.6385
YIQ	222.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

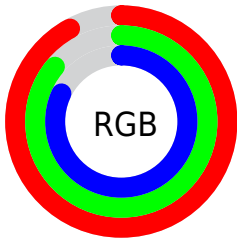
Format	Color
RYB	234, 226, 209
Decimal	15391697
CIELab	88.33, 3.51, 6.75
CIELCh	88, 7.606, 62.495
Yxy	72.7589, 0.3305, 0.3397
Android (android.graphics.Color)	4293581777 (0xFFEADBBD1)
YUV	222.3450, -6.5791, 10.2214
Hunter-Lab	85.2988, -1.1381, 10.6094

Details

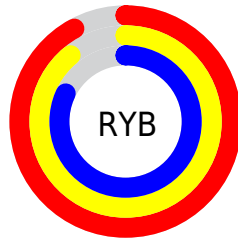
The Yxy color $72.7589, 0.3305, 0.3397$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.8607, 0.2961, 0.3181$, and the grayscale version is $73.3519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.3825, 0.3342, 0.3416$ is the 20% darker color. If you saturate the color by 10%, you get $64.6446, 0.3500, 0.3503$, and if you desaturate by 10%, it is $81.6721, 0.3138, 0.3297$.

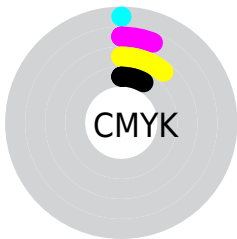
Distribution



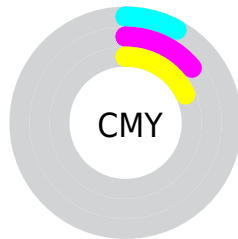
- Red (92%)
- Green (86%)
- Blue (82%)



- Red (92%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7589, 0.3305, 0.3397 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 72.7589, 0.3305, 0.3397 by changing the saturation by 10% instead.


 72.7589, 0.3305,
0.3397

 72.7589, 0.3305,
0.3397


470.1788, 0.3222,
0.3348

 53.7788, 0.3324,
0.3408


123.1349, 0.3276,
0.3380

 38.4249, 0.3347,
0.3422


155.2996, 0.3265,
0.3373

 26.3126, 0.3377,
0.3439


192.6280, 0.3256,
0.3368

 17.0577, 0.3417,
0.3461

235.5044, 0.3247,
0.3363

 10.2756, 0.3470,
0.3492

284.3133, 0.3240,
0.3358

 5.5821, 0.3548,
0.3535

339.4391, 0.3233,

 2.5927, 0.3672,

0.3355

0.3601

401.2661, 0.3228,
0.3351

0.9230, 0.3995,
0.3807

0.0000, 0.0000,
0.0000

72.7589, 0.3305,
0.3397

72.7589, 0.3305,
0.3397

64.6446, 0.3500,
0.3503

81.6721, 0.3138,
0.3297

57.2968, 0.3725,
0.3613

91.3433, 0.3000,
0.3212

50.6950, 0.3983,
0.3721

96.2437, 0.3000,
0.3290

44.8137, 0.4273,
0.3822

■ 39.6264, 0.4587,
0.3904

■ 35.1040, 0.4913,
0.3956

■ 31.2155, 0.5230,
0.3963

■ 27.9261, 0.5511,
0.3918

■ 25.3647, 0.5727,
0.3835

Harmonies

Analogous

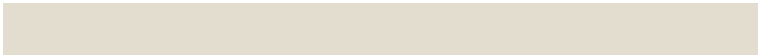
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7589, 0.3297, 0.3324



72.7589, 0.3305, 0.3397



72.7589, 0.3265, 0.3442

Triad

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



72.7589, 0.3305, 0.3397



72.7589, 0.3012, 0.3336



72.7589, 0.3065, 0.3139

Complementary

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



72.7589, 0.3305, 0.3397



72.8607, 0.2961, 0.3181

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.



72.7589, 0.2991, 0.3139



72.7589, 0.3305, 0.3397



72.7589, 0.2960, 0.3252

Square

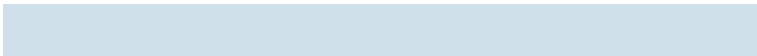
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7589, 0.3305, 0.3397



72.7589, 0.3095, 0.3408



72.7589, 0.2952, 0.3180



72.7589, 0.3157, 0.3177

Rectangle

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



72.7589, 0.3305, 0.3397



72.7589, 0.3216, 0.3450



72.7589, 0.2952, 0.3180



72.7589, 0.3037, 0.3134

Sweetspot

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



72.7621, 0.3305, 0.3397



96.6143, 0.3174, 0.3319



68.5152, 0.3206, 0.3126



20.4890, 0.3187, 0.3327



0.0000, 0.0000, 0.0000



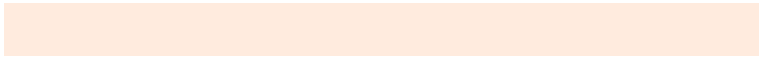
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7621, 0.3305, 0.3397



85.9696, 0.3348, 0.3422



79.3394, 0.3290, 0.3524



16.0381, 0.3283, 0.3384



14.4746, 0.5699, 0.3857



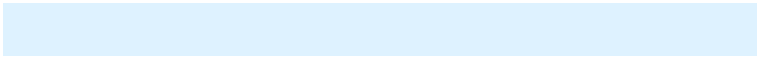
1.3200, 0.5446, 0.4058

Inverse Universe

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



72.8607, 0.2961, 0.3181



86.1128, 0.2924, 0.3155



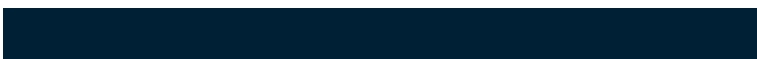
66.5533, 0.2959, 0.3045



16.0572, 0.2981, 0.3194



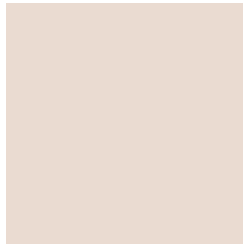
14.2696, 0.1870, 0.1932



1.3077, 0.1928, 0.2140

Previews

White Background



This preview shows how the Yxy color 72.7589, 0.3305, 0.3397 looks on a white background.

Color Contrast Check

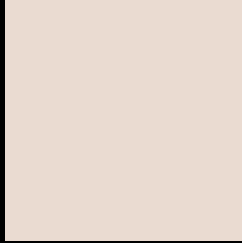
Large Text (above 18pt) WCAG AA × Fail

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 72.7589, 0.3305, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

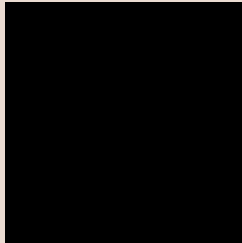
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

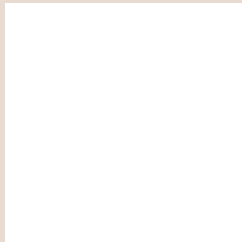
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7589, 0.3305, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 72.7589, 0.3305, 0.3397.

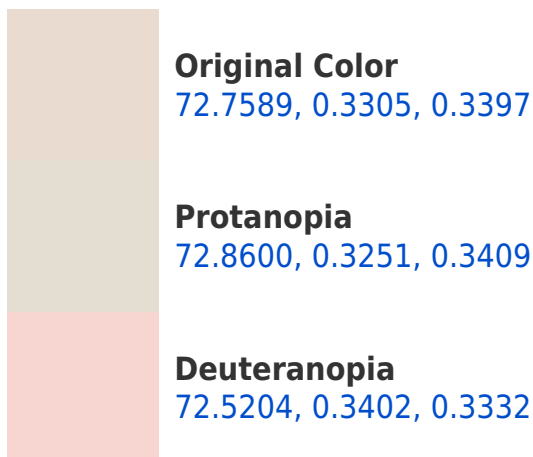


This preview shows how white text looks on a background with the Yxy color 72.7589, 0.3305, 0.3397.

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

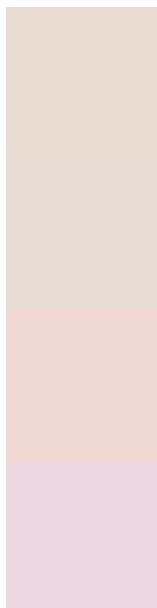




Tritanopia

72.4316, 0.3172, 0.3113

Trichromacy



Original Color

72.7589, 0.3305, 0.3397

Protanomaly

72.6625, 0.3267, 0.3398

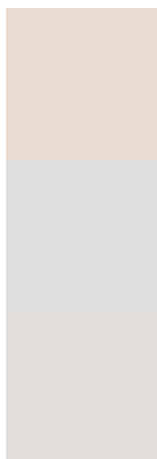
Deuteranomaly

72.6421, 0.3361, 0.3354

Tritanomaly

72.3264, 0.3218, 0.3206

Monochromacy



Original Color

72.7589, 0.3305, 0.3397

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8914, 0.3189, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7589, 0.3305, 0.3397 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, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 209)  
}
```

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, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.7589, 0.3305, 0.3397 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, 219, 209) }
```

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

```
.border{ border-color:rgb(234, 219, 209) }
```

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

Here you see how a box with a 4 pixel rgb(234, 219, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
209) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7589, 0.3305, 0.3397$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 209) }
```

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

```
.background{ background-color: rgb(234,  
219, 209) }
```

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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