

Converting Colors

$Yxy(72.3788, 0.3354, 0.3401)$

Have a look what the booklet for
Yxy(72.3788, 0.3354, 0.3401)
contains.

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Color

Yxy(72.3078, 0.3351, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	EED9CF
RGB	238, 217, 207
RGB Percent	93%, 85%, 81%
CMY	0.0667, 0.1490, 0.1883
CMYK	0.00, 0.09, 0.13, 0.07
HSL	19°, 48%, 87%
HSV	19°, 13%, 93%
XYZ	71.3287, 72.3078, 69.2214
YIQ	222.1390, 15.7260, 1.3420

Conversions

Conversions Part 2

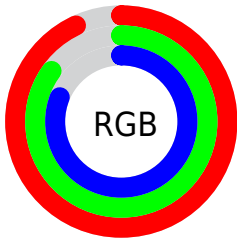
Format	Color
R _Y B	238, 222, 207
Decimal	15653327
CIE Lab	88.12, 5.59, 7.54
CIE LCh	88, 9.388, 53.426
Yxy	72.3078, 0.3351, 0.3397
Android (android.graphics.Color)	4293843407 (0xFFEED9CF)
YUV	222.1390, -7.4635, 13.9101
Hunter-Lab	85.0340, 0.9208, 11.2592

Details

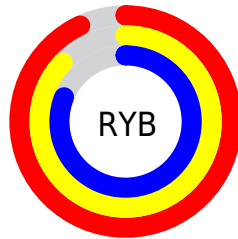
The Yxy color $72.3078, 0.3351, 0.3397$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.8978, 0.2925, 0.3181$, and the grayscale version is $73.1954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.0857, 0.3404, 0.3415$ is the 20% darker color. If you saturate the color by 10%, you get $63.3337, 0.3559, 0.3485$, and if you desaturate by 10%, it is $82.2735, 0.3175, 0.3314$.

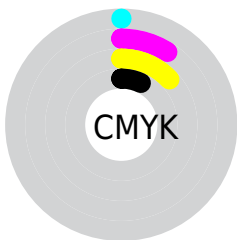
Distribution



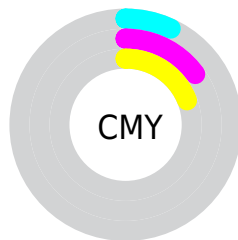
- Red (93%)
- Green (85%)
- Blue (81%)



- Red (93%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3078, 0.3351, 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 72.3078, 0.3351, 0.3397 by changing the saturation by 10% instead.


 72.3078, 0.3351,
0.3397

 72.3078, 0.3351,
0.3397


468.6122, 0.3247,
0.3348

 53.4102, 0.3375,
0.3408


122.4940, 0.3315,
0.3380

 38.1303, 0.3405,
0.3421


154.5514, 0.3301,
0.3374

 26.0838, 0.3443,
0.3438


191.7642, 0.3289,
0.3368

 16.8864, 0.3492,
0.3460

234.5167, 0.3278,
0.3363

 10.1535, 0.3561,
0.3489

283.1933, 0.3269,
0.3359

 5.5009, 0.3660,
0.3530

338.1786, 0.3261,

 2.5440, 0.3818,

0.3355

0.3591

399.8567, 0.3253,
0.3351

0.8986, 0.4254,
0.3825

0.0000, 0.0000,
0.0000

72.3078, 0.3351,
0.3397

72.3078, 0.3351,
0.3397

63.3337, 0.3559,
0.3485

82.2735, 0.3175,
0.3314

55.3107, 0.3804,
0.3575

93.2506, 0.3026,
0.3237

48.2094, 0.4088,
0.3663

96.9135, 0.3023,
0.3290

41.9953, 0.4409,
0.3741

■ 36.6317, 0.4760,
0.3800

■ 32.0789, 0.5123,
0.3826

■ 28.2936, 0.5469,
0.3809

■ 25.2275, 0.5763,
0.3742

■ 23.4785, 0.5930,
0.3673

Harmonies

Analogous

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



72.3078, 0.3323, 0.3302



72.3078, 0.3351, 0.3397



72.3078, 0.3318, 0.3466

Triad

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



72.3078, 0.3351, 0.3397



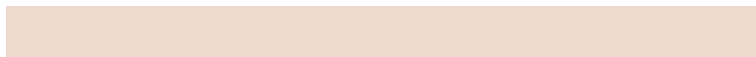
72.3078, 0.3013, 0.3376



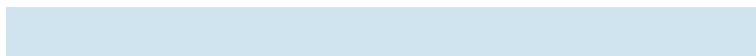
72.3078, 0.3019, 0.3098

Complementary

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



72.3078, 0.3351, 0.3397



74.8978, 0.2925, 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.



72.3078, 0.2939, 0.3114



72.3078, 0.3351, 0.3397



72.3078, 0.2935, 0.3273

Square

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



72.3078, 0.3351, 0.3397



72.3078, 0.3122, 0.3456



72.3078, 0.2908, 0.3177



72.3078, 0.3129, 0.3132

Rectangle

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



72.3078, 0.3351, 0.3397



72.3078, 0.3266, 0.3487



72.3078, 0.2908, 0.3177



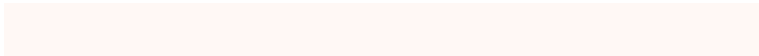
72.3078, 0.2988, 0.3098

Sweetspot

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



72.3110, 0.3351, 0.3397



95.0363, 0.3191, 0.3322



68.4049, 0.3211, 0.3068



20.1465, 0.3203, 0.3328



0.0000, 0.0000, 0.0000



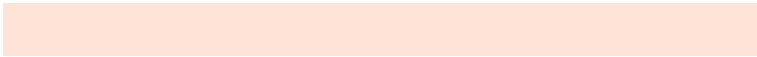
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3110, 0.3351, 0.3397



81.2812, 0.3411, 0.3423



80.5591, 0.3330, 0.3555



16.5936, 0.3285, 0.3367



13.3091, 0.5902, 0.3696



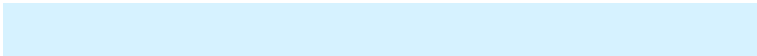
1.2810, 0.5646, 0.3899

Inverse Universe

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



74.8978, 0.2925, 0.3181



84.9329, 0.2878, 0.3153



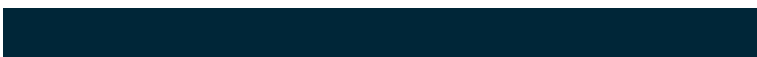
66.8591, 0.2921, 0.3010



17.0167, 0.2981, 0.3212



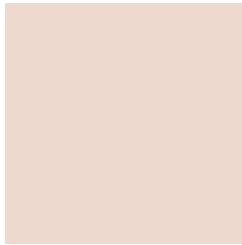
17.9120, 0.1944, 0.2198



1.6697, 0.1989, 0.2358

Previews

White Background



This preview shows how the Yxy color 72.3078, 0.3351, 0.3397 looks on a white background.

Color Contrast Check

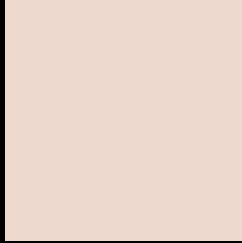
Large Text (above 18pt) WCAG AA × Fail

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 72.3078, 0.3351, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

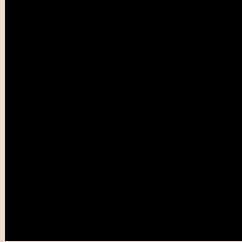
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

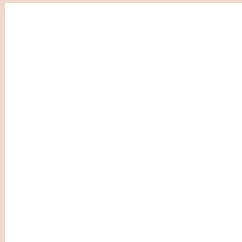
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3078, 0.3351, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 72.3078, 0.3351, 0.3397.

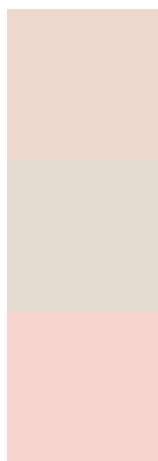


This preview shows how white text looks on a background with the Yxy color 72.3078, 0.3351, 0.3397.

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



Original Color

72.3078, 0.3351, 0.3397

Protanopia

72.2838, 0.3259, 0.3409

Deuteranopia

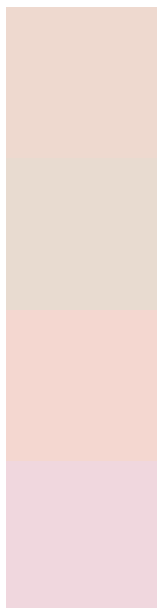
72.4214, 0.3417, 0.3353



Tritanopia

72.5071, 0.3215, 0.3125

Trichromacy



Original Color

72.3078, 0.3351, 0.3397

Protanomaly

72.3729, 0.3297, 0.3409

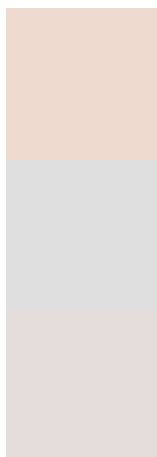
Deuteranomaly

72.3880, 0.3392, 0.3364

Tritanomaly

72.4001, 0.3263, 0.3217

Monochromacy



Original Color

72.3078, 0.3351, 0.3397

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6901, 0.3205, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3078, 0.3351, 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(238, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(238, 217, 207)  
}
```

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(238, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 217, 207) }
```

Border

The CSS property to change the border of an element to Yxy 72.3078, 0.3351, 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(238, 217, 207) }
```

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

```
.border{ border-color:rgb(238, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(238, 217,  
207) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3078, 0.3351, 0.3397$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 217, 207) }
```

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

```
.background{ background-color: rgb(238,  
217, 207) }
```

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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