

Converting Colors

$Yxy(72.5653, 0.3352, 0.3475)$

Have a look what the booklet for
Yxy(72.5653, 0.3352, 0.3475)
contains.

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Color

Yxy(72.4197, 0.3353, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	EADBCA
RGB	234, 219, 202
RGB Percent	92%, 86%, 79%
CMY	0.0825, 0.1411, 0.2077
CMYK	0.00, 0.06, 0.14, 0.08
HSL	32°, 43%, 85%
HSV	32°, 14%, 92%
XYZ	69.9174, 72.4197, 66.1849
YIQ	221.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

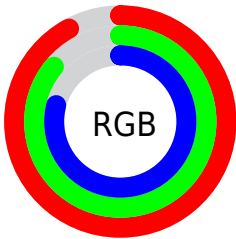
Format	Color
R _Y B	230, 234, 202
Decimal	15391690
CIE Lab	88.17, 2.35, 10.18
CIE LCh	88, 10.451, 77.027
Yxy	72.4197, 0.3353, 0.3473
Android (android.graphics.Color)	4293581770 (0xFFEADBCA)
YUV	221.5470, -9.6367, 10.9213
Hunter-Lab	85.0998, -2.2701, 13.4580

Details

The Yxy color **72.4197, 0.3353, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1115, 0.2914, 0.3100**, and the grayscale version is **72.7725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1540, 0.3406, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **65.8691, 0.3545, 0.3615**, and if you desaturate by 10%, it is **79.5207, 0.3184, 0.3338**.

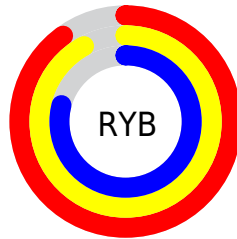
Distribution



Red (92%)

Green (86%)

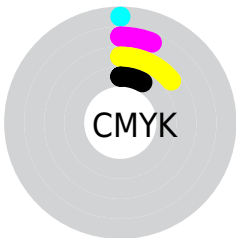
Blue (79%)



Red (90%)

Yellow (92%)

Blue (79%)

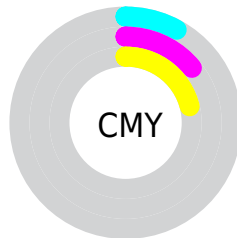


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4197, 0.3353, 0.3473 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 72.4197, 0.3353, 0.3473 by changing the saturation by 10% instead.

72.4197, 0.3353,
0.3473

72.4197, 0.3353,
0.3473

469.0011, 0.3248,
0.3389

53.5016, 0.3377,
0.3492

122.6530, 0.3317,
0.3444

38.2033, 0.3407,
0.3516

154.7371, 0.3302,
0.3432

26.1405, 0.3445,
0.3546

191.9785, 0.3290,
0.3423

16.9288, 0.3494,
0.3584

234.7618, 0.3280,
0.3414

10.1837, 0.3562,
0.3637

283.4713, 0.3270,
0.3407

5.5210, 0.3660,
0.3712

338.4914, 0.3262,

2.5560, 0.3814,

0.3400

400.2066, 0.3255,
0.3394

0.3827

0.9046, 0.4384,
0.4315

0.0000, 0.0000,
0.0000

72.4197, 0.3353,
0.3473

72.4197, 0.3353,
0.3473

65.8691, 0.3545,
0.3615

79.5207, 0.3184,
0.3338

59.8446, 0.3759,
0.3759

87.1765, 0.3035,
0.3210

54.3338, 0.3995,
0.3900

94.2450, 0.2999,
0.3259

49.3205, 0.4249,
0.4028

96.2266, 0.2999,
0.3290

■ 44.7868, 0.4512,
0.4134

■ 40.7138, 0.4772,
0.4203

■ 37.0804, 0.5013,
0.4225

■ 33.8623, 0.5220,
0.4191

■ 32.0157, 0.5334,
0.4147

Harmonies

Analogous

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



72.4197, 0.3375, 0.3388



72.4197, 0.3353, 0.3473



72.4197, 0.3269, 0.3511

Triad

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



72.4197, 0.3353, 0.3473



72.4197, 0.2928, 0.3296



72.4197, 0.3102, 0.3102

Complementary

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



72.4197, 0.3353, 0.3473



68.1115, 0.2914, 0.3100

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.



72.4197, 0.2984, 0.3076



72.4197, 0.3353, 0.3473



72.4197, 0.2885, 0.3185

Square

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



72.4197, 0.3353, 0.3473



72.4197, 0.3024, 0.3408



72.4197, 0.2905, 0.3105



72.4197, 0.3229, 0.3176

Rectangle

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



72.4197, 0.3353, 0.3473



72.4197, 0.3191, 0.3503



72.4197, 0.2905, 0.3105



72.4197, 0.3060, 0.3088

Sweetspot

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



72.4229, 0.3353, 0.3473



96.3519, 0.3190, 0.3342



64.7732, 0.3262, 0.3125



20.4791, 0.3202, 0.3352



0.0000, 0.0000, 0.0000



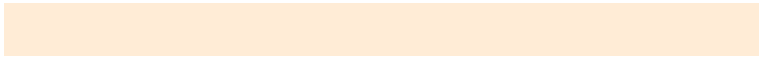
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4229, 0.3353, 0.3473



86.0602, 0.3397, 0.3507



80.4881, 0.3328, 0.3628



16.3808, 0.3280, 0.3415



18.2515, 0.5312, 0.4165



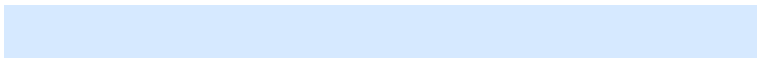
1.6256, 0.5115, 0.4321

Inverse Universe

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



68.1115, 0.2914, 0.3100



79.9925, 0.2874, 0.3063



60.8257, 0.2912, 0.2929



15.7114, 0.2980, 0.3161



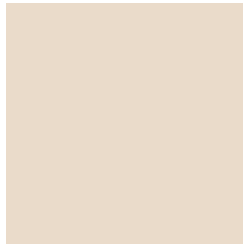
9.7950, 0.1743, 0.1475



0.9602, 0.1816, 0.1736

Previews

White Background



This preview shows how the Yxy color 72.4197, 0.3353, 0.3473 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 72.4197, 0.3353, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

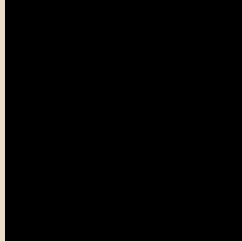
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4197, 0.3353, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 72.4197, 0.3353, 0.3473.

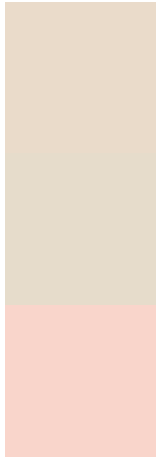


This preview shows how white text looks on a background with the Yxy color 72.4197, 0.3353, 0.3473.

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

72.4197, 0.3353, 0.3473

Protanopia

72.3212, 0.3315, 0.3474

Deuteranopia

72.0400, 0.3470, 0.3395



Tritanopia

72.5475, 0.3186, 0.3124

Trichromacy



Original Color

72.4197, 0.3353, 0.3473

Protanomaly

72.4871, 0.3323, 0.3474

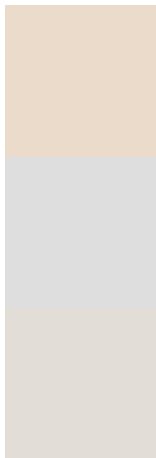
Deuteranomaly

72.1458, 0.3428, 0.3417

Tritanomaly

72.2836, 0.3253, 0.3248

Monochromacy



Original Color

72.4197, 0.3353, 0.3473

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7880, 0.3203, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4197, 0.3353, 0.3473 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.4197, 0.3353, 0.3473 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, 202) }
```

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

```
.border{ border-color:rgb(234, 219, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4197, 0.3353, 0.3473 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, 202) }
```

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

```
.background{ background-color: rgb(234,  
219, 202) }
```

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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