

Converting Colors

$Yxy(73.3895, 0.3287, 0.3337)$

Have a look what the booklet for
Yxy(73.3895, 0.3287, 0.3337)
contains.

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Color

Yxy(73.5226, 0.3292, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	EEDBD6
RGB	237, 219, 214
RGB Percent	93%, 86%, 84%
CMY	0.0705, 0.1412, 0.1607
CMYK	0.00, 0.08, 0.10, 0.07
HSL	13°, 39%, 88%
HSV	13°, 10%, 93%
XYZ	72.4010, 73.5226, 74.0064
YIQ	223.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

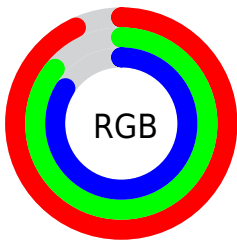
Format	Color
RYB	237, 220, 214
Decimal	15588310
CIELab	88.70, 5.36, 4.66
CIELCh	89, 7.106, 41.030
Yxy	73.5226, 0.3292, 0.3343
Android (android.graphics.Color)	4293778390 (0xFFEDDBD6)
YUV	223.8120, -4.8373, 11.5659
Hunter-Lab	85.7453, 0.6661, 8.8488

Details

The Yxy color **73.5226, 0.3292, 0.3343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1528, 0.2977, 0.3236**, and the grayscale version is **74.4329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8779, 0.3334, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **63.2449, 0.3497, 0.3401**, and if you desaturate by 10%, it is **85.0643, 0.3123, 0.3288**.

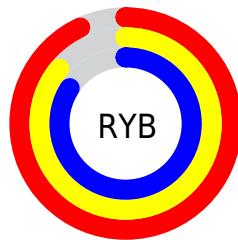
Distribution



Red (93%)

Green (86%)

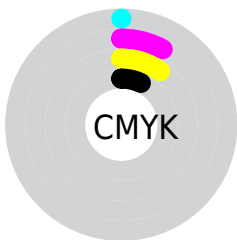
Blue (84%)



Red (93%)

Yellow (86%)

Blue (84%)

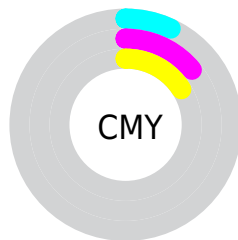


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5226, 0.3292, 0.3343 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 73.5226, 0.3292, 0.3343 by changing the saturation by 10% instead.

 73.5226, 0.3292,
0.3343

 73.5226, 0.3292,
0.3343


472.8241, 0.3216,
0.3319

 54.4034, 0.3310,
0.3348

124.2188, 0.3265,
0.3335

 38.9243, 0.3331,
0.3355


156.5646, 0.3255,
0.3332

 26.7008, 0.3359,
0.3363


194.0881, 0.3246,
0.3329

 17.3487, 0.3395,
0.3374

237.1736, 0.3238,
0.3326

 10.4834, 0.3445,
0.3388

286.2056, 0.3232,
0.3324

 5.7206, 0.3516,
0.3407

341.5684, 0.3226,

 2.6760, 0.3630,

0.3322

0.3437

403.6464, 0.3220,
0.3321

0.9650, 0.3865,
0.3509

0.0000, 0.0000,
0.0000

73.5226, 0.3292,
0.3343

73.5226, 0.3292,
0.3343

63.2449, 0.3497,
0.3401

85.0643, 0.3123,
0.3288

54.1787, 0.3743,
0.3462

96.7481, 0.3017,
0.3290

46.2816, 0.4036,
0.3522

39.5055, 0.4378,
0.3577

■ 33.7987, 0.4763,
0.3618

■ 29.1054, 0.5173,
0.3636

■ 25.3644, 0.5573,
0.3621

■ 22.5075, 0.5915,
0.3568

■ 20.4510, 0.6163,
0.3486

Harmonies

Analogous

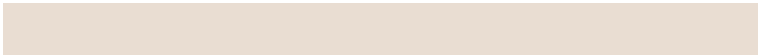
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5226, 0.3253, 0.3268



73.5226, 0.3292, 0.3343



73.5226, 0.3286, 0.3405

Triad

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



73.5226, 0.3292, 0.3343



73.5226, 0.3074, 0.3383



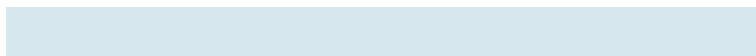
73.5226, 0.3017, 0.3146

Complementary

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



73.5226, 0.3292, 0.3343



78.1528, 0.2977, 0.3236

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.



73.5226, 0.2970, 0.3174



73.5226, 0.3292, 0.3343



73.5226, 0.3003, 0.3310

Square

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



73.5226, 0.3292, 0.3343



73.5226, 0.3159, 0.3429



73.5226, 0.2965, 0.3234



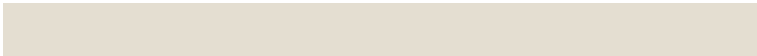
73.5226, 0.3093, 0.3156

Rectangle

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



73.5226, 0.3292, 0.3343



73.5226, 0.3258, 0.3431



73.5226, 0.2965, 0.3234



73.5226, 0.2997, 0.3151

Sweetspot

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



73.5258, 0.3292, 0.3343



95.7517, 0.3175, 0.3306



71.9618, 0.3170, 0.3099



20.2568, 0.3188, 0.3310



0.0000, 0.0000, 0.0000



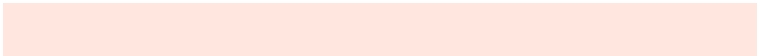
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5258, 0.3292, 0.3343



83.8273, 0.3337, 0.3356



79.5249, 0.3279, 0.3459



15.5824, 0.3287, 0.3342



11.2924, 0.6144, 0.3504



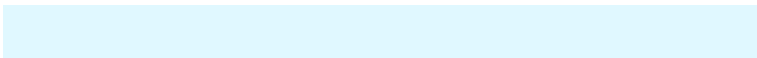
1.0249, 0.5881, 0.3712

Inverse Universe

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



78.1528, 0.2977, 0.3236



90.4992, 0.2941, 0.3223



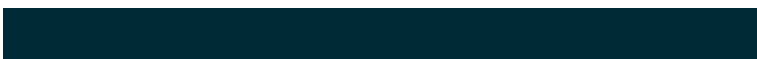
72.0859, 0.2976, 0.3116



16.5365, 0.2981, 0.3238



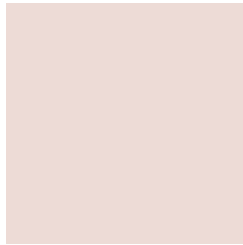
22.6469, 0.2050, 0.2579



1.9154, 0.2080, 0.2689

Previews

White Background



This preview shows how the Yxy color 73.5226, 0.3292, 0.3343 looks on a white background.

Color Contrast Check

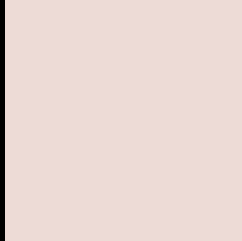
Large Text (above 18pt) WCAG AA × Fail

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 73.5226, 0.3292, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

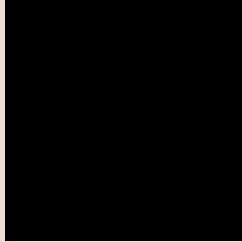
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

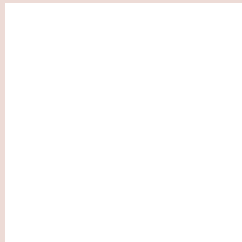
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5226, 0.3292, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 73.5226, 0.3292, 0.3343.

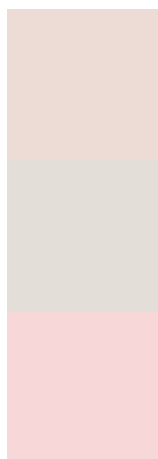


This preview shows how white text looks on a background with the Yxy color 73.5226, 0.3292, 0.3343.

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

73.5226, 0.3292, 0.3343

Protanopia

73.6944, 0.3210, 0.3355

Deuteranopia

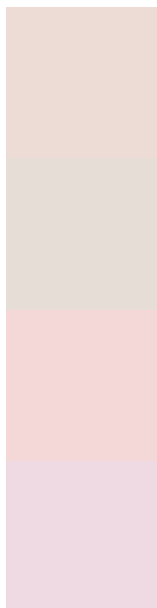
73.2813, 0.3364, 0.3291



Tritanopia

73.5202, 0.3186, 0.3115

Trichromacy



Original Color

73.5226, 0.3292, 0.3343

Protanomaly

73.6081, 0.3239, 0.3354

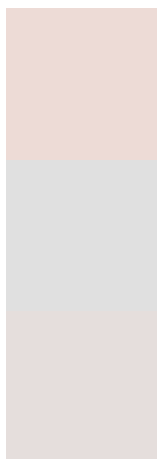
Deuteranomaly

73.0727, 0.3333, 0.3301

Tritanomaly

73.4674, 0.3226, 0.3197

Monochromacy



Original Color

73.5226, 0.3292, 0.3343

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0679, 0.3190, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5226, 0.3292, 0.3343 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, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 214)  
}
```

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, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 214) }
```

Border

The CSS property to change the border of an element to Yxy 73.5226, 0.3292, 0.3343 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, 219, 214) }
```

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

```
.border{ border-color:rgb(237, 219, 214) }
```

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

Here you see how a box with a 4 pixel rgb(237, 219, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5226, 0.3292, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 214) }
```

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

```
.background{ background-color: rgb(237,  
219, 214) }
```

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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