

Converting Colors

$Yxy(73.6481, 0.3280, 0.3343)$

Have a look what the booklet for
Yxy(73.6481, 0.3280, 0.3343)
contains.

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Color

Yxy(73.9256, 0.3277, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	ECDCD7
RGB	236, 220, 215
RGB Percent	93%, 86%, 84%
CMY	0.0743, 0.1373, 0.1568
CMYK	0.00, 0.07, 0.09, 0.07
HSL	14°, 36%, 88%
HSV	14°, 9%, 93%
XYZ	72.4661, 73.9256, 74.7438
YIQ	224.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

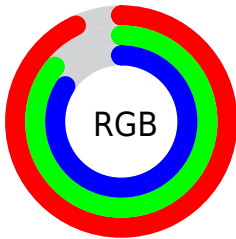
Format	Color
R _Y B	236, 222, 215
Decimal	15523031
CIE Lab	88.89, 4.67, 4.41
CIE LCh	89, 6.428, 43.345
Yxy	73.9256, 0.3277, 0.3343
Android (android.graphics.Color)	4293713111 (0xFFEBCD7)
YUV	224.2140, -4.5425, 10.3363
Hunter-Lab	85.9800, -0.0207, 8.6442

Details

The Yxy color **73.9256, 0.3277, 0.3343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7052, 0.2989, 0.3236**, and the grayscale version is **74.7364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1516, 0.3314, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **63.8458, 0.3477, 0.3406**, and if you desaturate by 10%, it is **85.2070, 0.3111, 0.3284**.

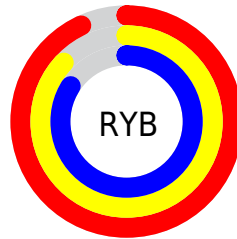
Distribution



Red (93%)

Green (86%)

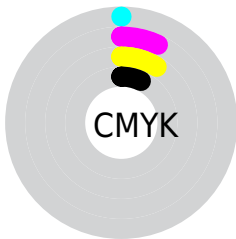
Blue (84%)



Red (93%)

Yellow (87%)

Blue (84%)

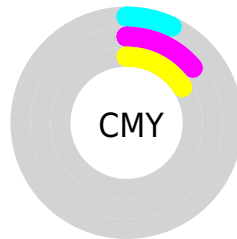


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9256, 0.3277, 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 73.9256, 0.3277, 0.3343 by changing the saturation by 10% instead.


 73.9256, 0.3277,
0.3343

 73.9256, 0.3277,
0.3343


474.2166, 0.3208,
0.3319

 54.7331, 0.3293,
0.3348

124.7903, 0.3253,
0.3335

 39.1881, 0.3313,
0.3355


157.2314, 0.3244,
0.3332

 26.9061, 0.3338,
0.3363


194.8575, 0.3235,
0.3329

 17.5027, 0.3370,
0.3374

238.0529, 0.3228,
0.3326

 10.5936, 0.3415,
0.3388

287.2022, 0.3222,
0.3324

 5.7942, 0.3480,
0.3408

342.6896, 0.3217,

 2.7204, 0.3582,

0.3322

0.3438

404.8996, 0.3212,
0.3321

0.9876, 0.3787,
0.3506

0.0000, 0.0000,
0.0000

73.9256, 0.3277,
0.3343

73.9256, 0.3277,
0.3343

63.8458, 0.3477,
0.3406

85.2070, 0.3111,
0.3284

54.9181, 0.3717,
0.3472

96.5831, 0.3012,
0.3290

47.1040, 0.4002,
0.3538

40.3591, 0.4334,
0.3599

■ 34.6358, 0.4709,
0.3646

■ 29.8830, 0.5109,
0.3670

■ 26.0448, 0.5504,
0.3660

■ 23.0593, 0.5848,
0.3609

■ 20.8519, 0.6105,
0.3524

Harmonies

Analogous

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



73.9256, 0.3245, 0.3276



73.9256, 0.3277, 0.3343



73.9256, 0.3269, 0.3397

Triad

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



73.9256, 0.3277, 0.3343



73.9256, 0.3073, 0.3369



73.9256, 0.3032, 0.3159

Complementary

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



73.9256, 0.3277, 0.3343



77.7052, 0.2989, 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.



73.9256, 0.2987, 0.3182



73.9256, 0.3277, 0.3343



73.9256, 0.3011, 0.3303

Square

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



73.9256, 0.3277, 0.3343



73.9256, 0.3150, 0.3414



73.9256, 0.2980, 0.3234



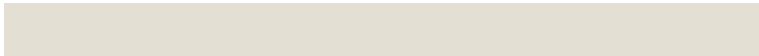
73.9256, 0.3103, 0.3171

Rectangle

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



73.9256, 0.3277, 0.3343



73.9256, 0.3241, 0.3419



73.9256, 0.2980, 0.3234



73.9256, 0.3014, 0.3163

Sweetspot

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



73.9288, 0.3277, 0.3343



95.8468, 0.3175, 0.3308



72.2258, 0.3171, 0.3122



20.2823, 0.3188, 0.3312



0.0000, 0.0000, 0.0000



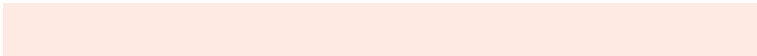
21.4041, 0.3127, 0.3290

Same Dimension

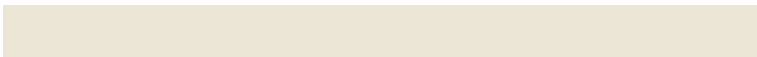
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9288, 0.3277, 0.3343



85.4119, 0.3317, 0.3356



79.5919, 0.3266, 0.3452



15.6322, 0.3287, 0.3346



11.5441, 0.6103, 0.3536



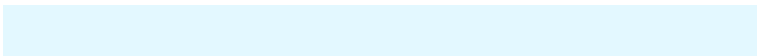
1.0512, 0.5836, 0.3748

Inverse Universe

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



77.7052, 0.2989, 0.3236



90.9033, 0.2957, 0.3223



72.0211, 0.2989, 0.3123



16.4830, 0.2981, 0.3233



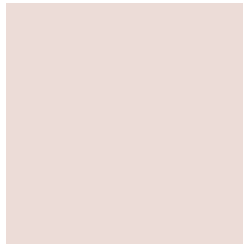
21.5829, 0.2030, 0.2509



1.8402, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 73.9256, 0.3277, 0.3343 looks on a white background.

Color Contrast Check

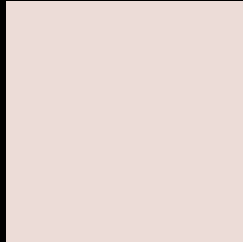
Large Text (above 18pt) WCAG AA × Fail

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 73.9256, 0.3277, 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

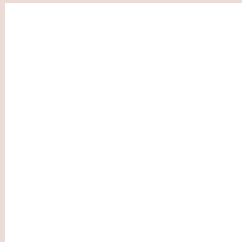
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9256, 0.3277, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 73.9256, 0.3277, 0.3343.

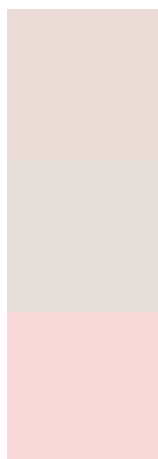


This preview shows how white text looks on a background with the Yxy color 73.9256, 0.3277, 0.3343.

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

73.9256, 0.3277, 0.3343

Protanopia

73.8584, 0.3217, 0.3355

Deuteranopia

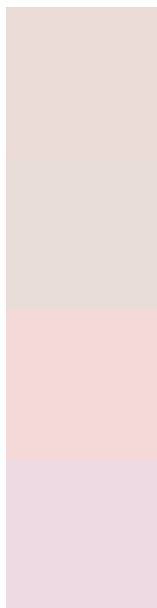
74.0261, 0.3363, 0.3291



Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

73.9256, 0.3277, 0.3343

Protanomaly

73.8266, 0.3240, 0.3344

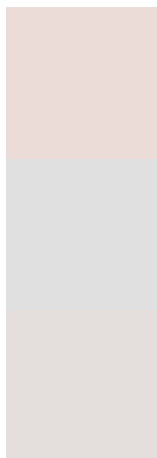
Deuteranomaly

73.8167, 0.3332, 0.3301

Tritanomaly

73.8660, 0.3211, 0.3197

Monochromacy



Original Color

73.9256, 0.3277, 0.3343

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4898, 0.3176, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9256, 0.3277, 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(236, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 215)  
}
```

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(236, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 215) }
```

Border

The CSS property to change the border of an element to Yxy 73.9256, 0.3277, 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(236, 220, 215) }
```

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

```
.border{ border-color:rgb(236, 220, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9256, 0.3277, 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(236, 220, 215) }
```

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

```
.background{ background-color: rgb(236,  
220, 215) }
```

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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