

Converting Colors

$Yxy(73.9527, 0.3276, 0.3366)$

Have a look what the booklet for
Yxy(73.9527, 0.3276, 0.3366)
contains.

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Color

Yxy(74.2301, 0.3275, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	EBDDD6
RGB	235, 221, 214
RGB Percent	92%, 87%, 84%
CMY	0.0785, 0.1333, 0.1609
CMYK	0.00, 0.06, 0.09, 0.08
HSL	20°, 34%, 88%
HSV	20°, 9%, 92%
XYZ	72.2447, 74.2301, 74.1198
YIQ	224.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

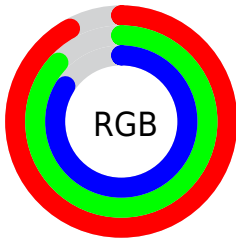
Format	Color
R _Y B	235, 225, 214
Decimal	15457750
CIE Lab	89.03, 3.59, 5.15
CIE LCh	89, 6.279, 55.139
Yxy	74.2301, 0.3275, 0.3365
Android (android.graphics.Color)	4293647830 (0xFFEBDDD6)
YUV	224.3880, -5.1213, 9.3067
Hunter-Lab	86.1569, -1.0978, 9.3033

Details

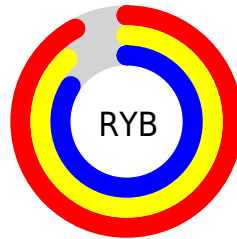
The Yxy color **74.2301, 0.3275, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7351, 0.2989, 0.3214**, and the grayscale version is **74.8633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3593, 0.3312, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **65.2520, 0.3469, 0.3454**, and if you desaturate by 10%, it is **84.1548, 0.3111, 0.3281**.

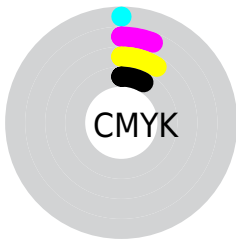
Distribution



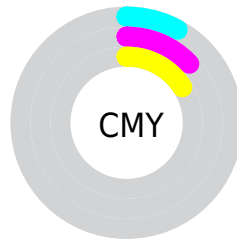
- Red (92%)
- Green (87%)
- Blue (84%)



- Red (92%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2301, 0.3275, 0.3365 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 74.2301, 0.3275, 0.3365 by changing the saturation by 10% instead.

 74.2301, 0.3275,
0.3365

 74.2301, 0.3275,
0.3365


475.2671, 0.3207,
0.3331

 54.9824, 0.3291,
0.3373


125.2219, 0.3251,
0.3353

 39.3876, 0.3310,
0.3382


157.7349, 0.3242,
0.3349

 27.0614, 0.3335,
0.3394


195.4383, 0.3234,
0.3345

 17.6193, 0.3367,
0.3410

238.7166, 0.3227,
0.3341

 10.6770, 0.3411,
0.3430

287.9543, 0.3221,
0.3338

 5.8501, 0.3474,
0.3460

343.5357, 0.3216,

 2.7542, 0.3575,

0.3335

0.3505

405.8452, 0.3211,
0.3333

1.0048, 0.3781,
0.3606

0.0000, 0.0000,
0.0000

74.2301, 0.3275,
0.3365

74.2301, 0.3275,
0.3365

65.2520, 0.3469,
0.3454

84.1548, 0.3111,
0.3281

57.1825, 0.3696,
0.3547

94.6527, 0.3005,
0.3262

49.9952, 0.3961,
0.3639

96.3972, 0.3005,
0.3290

43.6588, 0.4264,
0.3726

■ 38.1400, 0.4599,
0.3797

■ 33.4032, 0.4954,
0.3841

■ 29.4097, 0.5305,
0.3845

■ 26.1168, 0.5621,
0.3800

■ 23.4723, 0.5873,
0.3709

Harmonies

Analogous

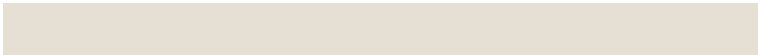
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2301, 0.3259, 0.3302



74.2301, 0.3275, 0.3365



74.2301, 0.3251, 0.3409

Triad

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



74.2301, 0.3275, 0.3365



74.2301, 0.3048, 0.3344



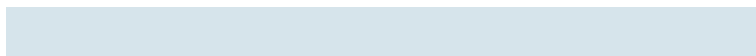
74.2301, 0.3059, 0.3163

Complementary

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



74.2301, 0.3275, 0.3365



75.7351, 0.2989, 0.3214

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.



74.2301, 0.3004, 0.3172



74.2301, 0.3275, 0.3365



74.2301, 0.2998, 0.3276

Square

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



74.2301, 0.3275, 0.3365



74.2301, 0.3120, 0.3397



74.2301, 0.2982, 0.3213



74.2301, 0.3133, 0.3187

Rectangle

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



74.2301, 0.3275, 0.3365



74.2301, 0.3216, 0.3421



74.2301, 0.2982, 0.3213



74.2301, 0.3038, 0.3162

Sweetspot

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



74.2334, 0.3275, 0.3365



96.3164, 0.3175, 0.3315



71.3369, 0.3185, 0.3143



20.4087, 0.3188, 0.3321



0.0000, 0.0000, 0.0000



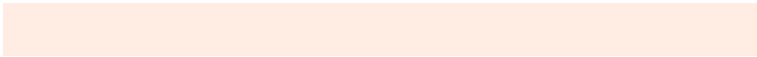
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2334, 0.3275, 0.3365



87.0020, 0.3313, 0.3383



79.9270, 0.3264, 0.3474



15.8798, 0.3284, 0.3370



13.1397, 0.5869, 0.3722



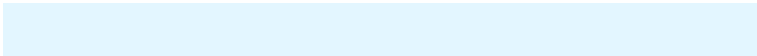
1.2034, 0.5601, 0.3935

Inverse Universe

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



75.7351, 0.2989, 0.3214



89.2048, 0.2956, 0.3195



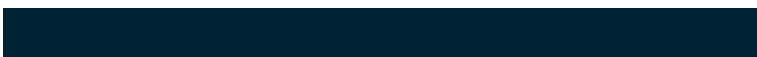
70.1587, 0.2989, 0.3099



16.2211, 0.2981, 0.3209



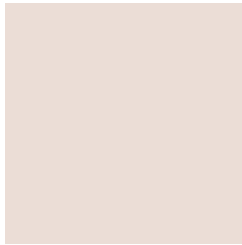
16.8458, 0.1932, 0.2156



1.4989, 0.1981, 0.2331

Previews

White Background



This preview shows how the Yxy color 74.2301, 0.3275, 0.3365 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 74.2301, 0.3275, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

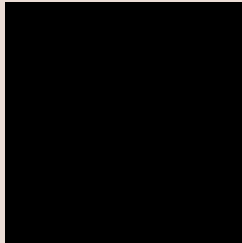
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

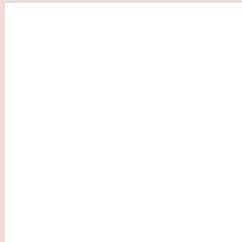
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2301, 0.3275, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 74.2301, 0.3275, 0.3365.

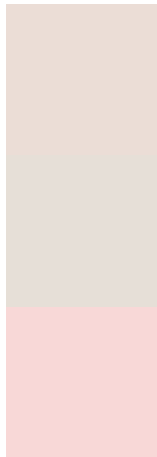


This preview shows how white text looks on a background with the Yxy color 74.2301, 0.3275, 0.3365.

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

74.2301, 0.3275, 0.3365

Protanopia

74.5046, 0.3230, 0.3376

Deuteranopia

73.9745, 0.3371, 0.3301



Tritanopia

74.3181, 0.3157, 0.3115

Trichromacy



Original Color

74.2301, 0.3275, 0.3365

Protanomaly

74.3047, 0.3245, 0.3365

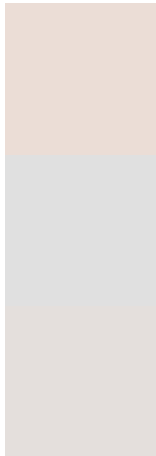
Deuteranomaly

74.1038, 0.3331, 0.3322

Tritanomaly

74.2136, 0.3203, 0.3207

Monochromacy



Original Color

74.2301, 0.3275, 0.3365

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4366, 0.3182, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2301, 0.3275, 0.3365 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(235, 221, 214)` looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 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(235, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 214) }
```

Border

The CSS property to change the border of an element to Yxy 74.2301, 0.3275, 0.3365 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(235, 221, 214) }
```

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

```
.border{ border-color:rgb(235, 221, 214) }
```

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

Here you see how a box with a 4 pixel rgb(235, 221, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2301, 0.3275, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 214) }
```

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

```
.background{ background-color: rgb(235,  
221, 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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