

Converting Colors

$Y_{xy}(74.2021, 0.3287, 0.3435)$

Have a look what the booklet for
Yxy(74.2021, 0.3287, 0.3435)
contains.

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Color

Yxy(74.0018, 0.3286, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	E8DED1
RGB	232, 222, 209
RGB Percent	91%, 87%, 82%
CMY	0.0904, 0.1293, 0.1805
CMYK	0.00, 0.04, 0.10, 0.09
HSL	34°, 33%, 86%
HSV	34°, 10%, 91%
XYZ	70.8950, 74.0018, 70.8519
YIQ	223.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

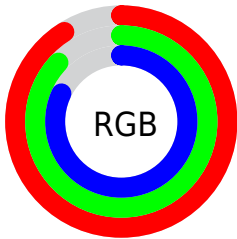
Format	Color
R _Y B	227, 232, 209
Decimal	15261393
CIE Lab	88.92, 1.19, 7.59
CIE LCh	89, 7.684, 81.061
Yxy	74.0018, 0.3286, 0.3430
Android (android.graphics.Color)	4293451473 (0xFFE8DED1)
YUV	223.5080, -7.1524, 7.4475
Hunter-Lab	86.0243, -3.4357, 11.3842

Details

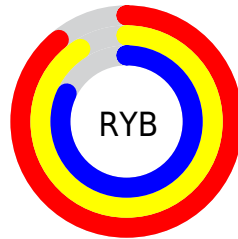
The Yxy color **74.0018, 0.3286, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9907, 0.2974, 0.3146**, and the grayscale version is **74.2155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2341, 0.3317, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **67.7693, 0.3467, 0.3579**, and if you desaturate by 10%, it is **80.7249, 0.3126, 0.3289**.

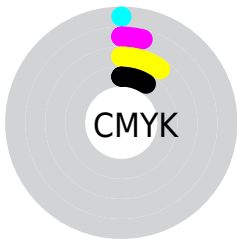
Distribution



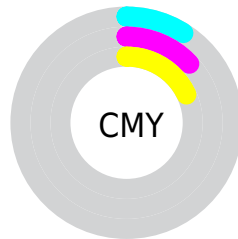
- Red (91%)
- Green (87%)
- Blue (82%)



- Red (89%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0018, 0.3286, 0.3430 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 74.0018, 0.3286, 0.3430 by changing the saturation by 10% instead.

■ 74.0018, 0.3286,
0.3430

■ 74.0018, 0.3286,
0.3430

474.4796, 0.3213,
0.3366

■ 54.7955, 0.3303,
0.3445

124.8984, 0.3261,
0.3408

■ 39.2380, 0.3324,
0.3463

157.3574, 0.3251,
0.3399

■ 26.9449, 0.3350,
0.3486

195.0029, 0.3242,
0.3392

■ 17.5319, 0.3384,
0.3515

238.2191, 0.3235,
0.3385

■ 10.6144, 0.3431,
0.3556

287.3905, 0.3228,
0.3379

■ 5.8082, 0.3499,
0.3614

342.9014, 0.3222,

■ 2.7288, 0.3605,

0.3374

405.1363, 0.3217,
0.3370

0.3704

0.9918, 0.3881,
0.3950

0.0000, 0.0000,
0.0000

74.0018, 0.3286,
0.3430

74.0018, 0.3286,
0.3430

67.7693, 0.3467,
0.3579

80.7249, 0.3126,
0.3289

62.0048, 0.3668,
0.3731

87.9171, 0.2987,
0.3160

56.6985, 0.3889,
0.3883

94.0526, 0.2987,
0.3261

51.8360, 0.4127,
0.4026

95.8883, 0.2987,
0.3290

■ 47.4024, 0.4374,
0.4149

■ 43.3813, 0.4620,
0.4241

■ 39.7548, 0.4852,
0.4290

■ 36.5023, 0.5056,
0.4285

■ 33.5936, 0.5226,
0.4232

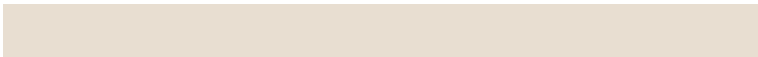
Harmonies

Analogous

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



74.0018, 0.3309, 0.3372



74.0018, 0.3286, 0.3430



74.0018, 0.3221, 0.3451

Triad

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



74.0018, 0.3286, 0.3430



74.0018, 0.2975, 0.3284



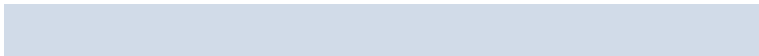
74.0018, 0.3122, 0.3158

Complementary

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



74.0018, 0.3286, 0.3430



69.9907, 0.2974, 0.3146

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.



74.0018, 0.3033, 0.3133



74.0018, 0.3286, 0.3430



74.0018, 0.2949, 0.3204

Square

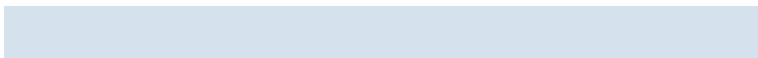
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0018, 0.3286, 0.3430



74.0018, 0.3041, 0.3366



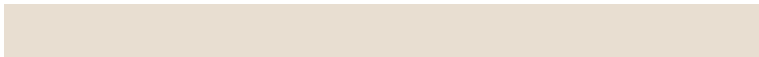
74.0018, 0.2970, 0.3150



74.0018, 0.3213, 0.3216

Rectangle

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



74.0018, 0.3286, 0.3430



74.0018, 0.3162, 0.3441



74.0018, 0.2970, 0.3150



74.0018, 0.3091, 0.3145

Sweetspot

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



74.0050, 0.3286, 0.3430



97.4254, 0.3173, 0.3332



67.8482, 0.3230, 0.3184



20.7078, 0.3186, 0.3343



0.0000, 0.0000, 0.0000



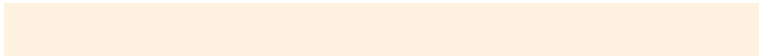
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0050, 0.3286, 0.3430



90.0329, 0.3323, 0.3462



79.1835, 0.3264, 0.3534



15.7193, 0.3278, 0.3423



18.8986, 0.5206, 0.4248



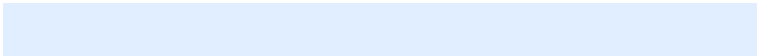
1.5804, 0.5018, 0.4397

Inverse Universe

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



69.9907, 0.2974, 0.3146



84.0632, 0.2939, 0.3112



65.1888, 0.2983, 0.3035



14.9067, 0.2981, 0.3153



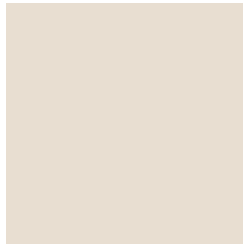
8.5641, 0.1712, 0.1364



0.8145, 0.1791, 0.1648

Previews

White Background



This preview shows how the Yxy color 74.0018, 0.3286, 0.3430 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 74.0018, 0.3286, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

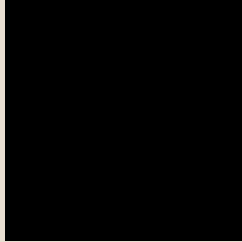
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

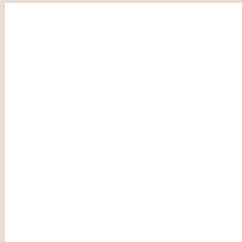
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0018, 0.3286, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 74.0018, 0.3286, 0.3430.

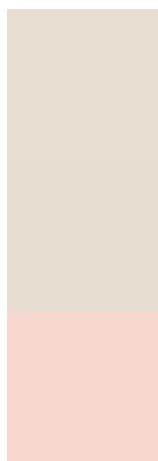


This preview shows how white text looks on a background with the Yxy color 74.0018, 0.3286, 0.3430.

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

74.0018, 0.3286, 0.3430

Protanopia

73.8349, 0.3279, 0.3430

Deuteranopia

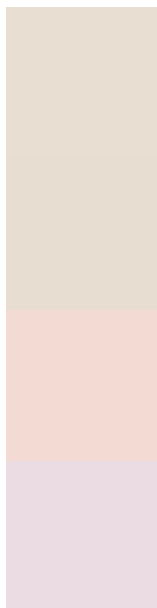
74.0889, 0.3422, 0.3353



Tritanopia

73.9738, 0.3143, 0.3114

Trichromacy



Original Color

74.0018, 0.3286, 0.3430

Protanomaly

73.8349, 0.3279, 0.3430

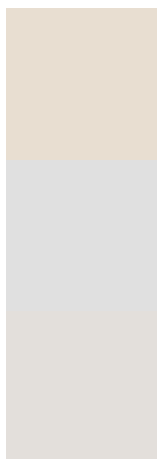
Deuteranomaly

73.8506, 0.3366, 0.3374

Tritanomaly

73.8162, 0.3195, 0.3217

Monochromacy



Original Color

74.0018, 0.3286, 0.3430

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2207, 0.3182, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0018, 0.3286, 0.3430 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(232, 222, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 222, 209)  
}
```

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(232, 222, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 209) }
```

Border

The CSS property to change the border of an element to Yxy 74.0018, 0.3286, 0.3430 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(232, 222, 209) }
```

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

```
.border{ border-color:rgb(232, 222, 209) }
```

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

Here you see how a box with a 4 pixel rgb(232, 222, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0018, 0.3286, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 209) }
```

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

```
.background{ background-color: rgb(232,  
222, 209) }
```

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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