

Converting Colors

$Y_{xy}(72.6898, 0.3283, 0.3376)$

Have a look what the booklet for
Yxy(72.6898, 0.3283, 0.3376)
contains.

Yxy(72.6898, 0.3283, 0.3376)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6898, 0.3283, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	E9DBD3
RGB	233, 219, 211
RGB Percent	91%, 86%, 83%
CMY	0.0864, 0.1411, 0.1725
CMYK	0.00, 0.06, 0.09, 0.09
HSL	22°, 33%, 87%
HSV	22°, 9%, 91%
XYZ	70.6874, 72.6898, 71.9362
YIQ	222.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

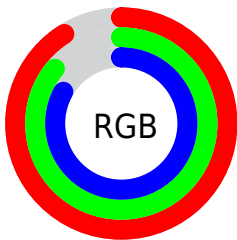
Format	Color
R _Y B	233, 224, 211
Decimal	15326163
CIE Lab	88.30, 3.44, 5.64
CIE LCh	88, 6.602, 58.604
Yxy	72.6898, 0.3283, 0.3376
Android (android.graphics.Color)	4293516243 (0xFFE9DBD3)
YUV	222.2740, -5.5581, 9.4067
Hunter-Lab	85.2583, -1.2083, 9.6552

Details

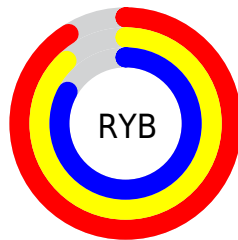
The Yxy color **72.6898, 0.3283, 0.3376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5633, 0.2981, 0.3202**, and the grayscale version is **73.2847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3324, 0.3314, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **64.2228, 0.3476, 0.3473**, and if you desaturate by 10%, it is **82.0196, 0.3118, 0.3285**.

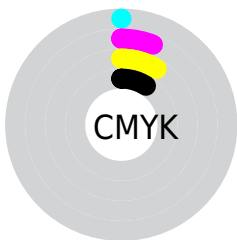
Distribution



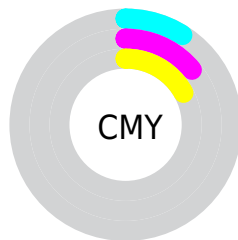
- Red (91%)
- Green (86%)
- Blue (83%)



- Red (91%)
- Yellow (88%)
- Blue (83%)



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





- Cyan (9%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6898, 0.3283, 0.3376 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 72.6898, 0.3283, 0.3376 by changing the saturation by 10% instead.

 72.6898, 0.3283,
0.3376

 72.6898, 0.3283,
0.3376

469.9390, 0.3211,
0.3337

 53.7224, 0.3300,
0.3385


123.0367, 0.3258,
0.3362

 38.3797, 0.3320,
0.3396


155.1850, 0.3248,
0.3357

 26.2775, 0.3346,
0.3410


192.4957, 0.3240,
0.3353

 17.0314, 0.3381,
0.3428

235.3532, 0.3232,
0.3349

 10.2569, 0.3428,
0.3452

284.1419, 0.3226,
0.3345

 5.5696, 0.3496,
0.3487

339.2461, 0.3220,

 2.5852, 0.3605,

0.3342

0.3540

401.0504, 0.3215,
0.3339

0.9192, 0.3869,
0.3694

0.0000, 0.0000,
0.0000

72.6898, 0.3283,
0.3376

72.6898, 0.3283,
0.3376

64.2228, 0.3476,
0.3473

82.0196, 0.3118,
0.3285

56.5839, 0.3702,
0.3573

92.0579, 0.2993,
0.3226

49.7501, 0.3962,
0.3673

96.0591, 0.2993,
0.3290

43.6935, 0.4258,
0.3767

■ 38.3846, 0.4583,
0.3844

■ 33.7917, 0.4924,
0.3893

■ 29.8805, 0.5260,
0.3900

■ 26.6131, 0.5562,
0.3857

■ 23.9413, 0.5807,
0.3766

Harmonies

Analogous

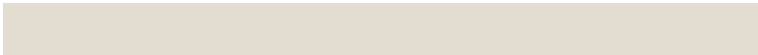
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6898, 0.3270, 0.3311



72.6898, 0.3283, 0.3376



72.6898, 0.3253, 0.3419

Triad

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



72.6898, 0.3283, 0.3376



72.6898, 0.3036, 0.3339



72.6898, 0.3064, 0.3156

Complementary

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



72.6898, 0.3283, 0.3376



73.5633, 0.2981, 0.3202

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.



72.6898, 0.3002, 0.3162



72.6898, 0.3283, 0.3376



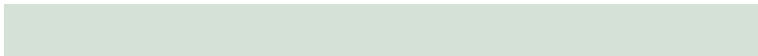
72.6898, 0.2986, 0.3266

Square

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



72.6898, 0.3283, 0.3376



72.6898, 0.3110, 0.3398



72.6898, 0.2974, 0.3202



72.6898, 0.3143, 0.3186

Rectangle

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



72.6898, 0.3283, 0.3376



72.6898, 0.3214, 0.3429



72.6898, 0.2974, 0.3202



72.6898, 0.3040, 0.3154

Sweetspot

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



72.6930, 0.3283, 0.3376



96.4545, 0.3174, 0.3317



69.3627, 0.3191, 0.3139



20.4459, 0.3187, 0.3324



0.0000, 0.0000, 0.0000



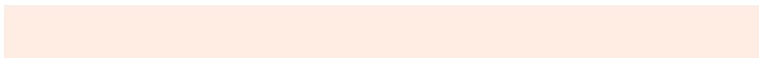
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6930, 0.3283, 0.3376



87.4731, 0.3312, 0.3391



78.4372, 0.3271, 0.3488



15.9531, 0.3284, 0.3376



13.7261, 0.5792, 0.3783



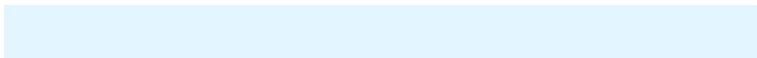
1.2554, 0.5529, 0.3992

Inverse Universe

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



73.5633, 0.2981, 0.3202



88.7114, 0.2956, 0.3186



67.9774, 0.2981, 0.3084



16.1449, 0.2981, 0.3202



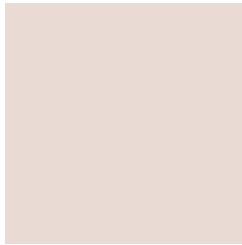
15.6114, 0.1903, 0.2052



1.4079, 0.1956, 0.2243

Previews

White Background



This preview shows how the Yxy color 72.6898, 0.3283, 0.3376 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 72.6898, 0.3283, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

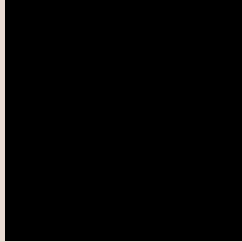
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

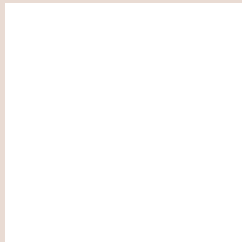
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6898, 0.3283, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 72.6898, 0.3283, 0.3376.

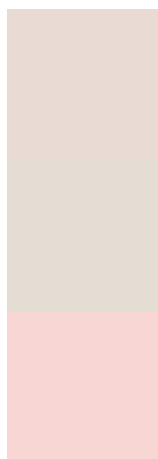


This preview shows how white text looks on a background with the Yxy color 72.6898, 0.3283, 0.3376.

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

72.6898, 0.3283, 0.3376

Protanopia

72.9603, 0.3238, 0.3387

Deuteranopia

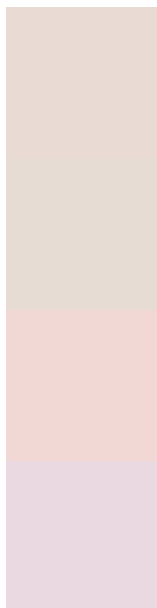
72.6208, 0.3388, 0.3312



Tritanopia

72.8278, 0.3157, 0.3113

Trichromacy



Original Color

72.6898, 0.3283, 0.3376

Protanomaly

72.7629, 0.3253, 0.3376

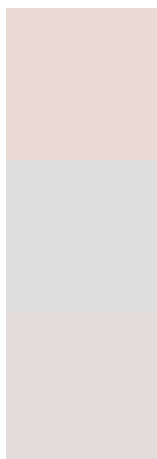
Deuteranomaly

72.7424, 0.3347, 0.3333

Tritanomaly

72.7241, 0.3203, 0.3206

Monochromacy



Original Color

72.6898, 0.3283, 0.3376

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.9436, 0.3183, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6898, 0.3283, 0.3376 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(233, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 211)  
}
```

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(233, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.6898, 0.3283, 0.3376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

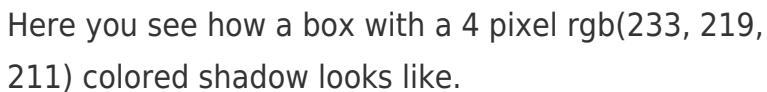
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 219, 211) }
```

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

```
.border{ border-color:rgb(233, 219, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 219, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 219, 211); box-shadow:4px 4px 4px 4px rgb(233, 219, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6898, 0.3283, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 211) }
```

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

```
.background{ background-color: rgb(233,  
219, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor