

Converting Colors

$Yxy(73.1330, 0.3335, 0.3361)$

Have a look what the booklet for
Yxy(73.1330, 0.3335, 0.3361)
contains.

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Color

Yxy(73.3712, 0.3336, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	F0DAD3
RGB	240, 218, 211
RGB Percent	94%, 85%, 83%
CMY	0.0589, 0.1451, 0.1724
CMYK	0.00, 0.09, 0.12, 0.06
HSL	14°, 49%, 88%
HSV	14°, 12%, 94%
XYZ	72.7605, 73.3712, 71.9753
YIQ	223.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

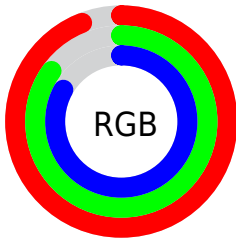
Format	Color
R _Y B	240, 220, 211
Decimal	15784659
CIE Lab	88.62, 6.43, 6.16
CIE LCh	89, 8.904, 43.814
Yxy	73.3712, 0.3336, 0.3364
Android (android.graphics.Color)	4293974739 (0xFFF0DAD3)
YUV	223.7800, -6.3005, 14.2249
Hunter-Lab	85.6570, 1.7254, 10.1401

Details

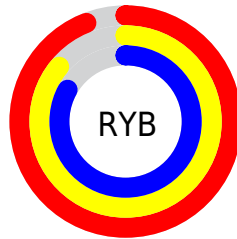
The Yxy color **73.3712, 0.3336, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.4173, 0.2941, 0.3215**, and the grayscale version is **74.4147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8191, 0.3384, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **63.3271, 0.3548, 0.3430**, and if you desaturate by 10%, it is **84.6391, 0.3160, 0.3302**.

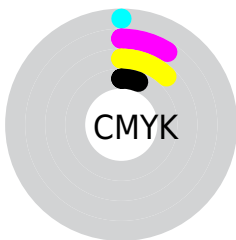
Distribution



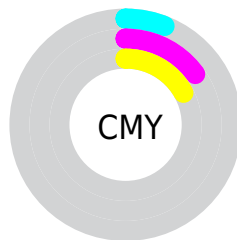
- Red (94%)
- Green (85%)
- Blue (83%)



- Red (94%)
- Yellow (86%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3712, 0.3336, 0.3364 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 73.3712, 0.3336, 0.3364 by changing the saturation by 10% instead.


 73.3712, 0.3336,
0.3364

 73.3712, 0.3336,
0.3364

472.3003, 0.3239,
0.3331

 54.2795, 0.3358,
0.3371

124.0040, 0.3302,
0.3353

 38.8252, 0.3386,
0.3380


156.3140, 0.3289,
0.3348

 26.6238, 0.3421,
0.3392


193.7989, 0.3278,
0.3344

 17.2909, 0.3467,
0.3406

236.8430, 0.3268,
0.3341

 10.4421, 0.3530,
0.3426

285.8308, 0.3259,
0.3338

 5.6930, 0.3621,
0.3452

341.1467, 0.3252,

 2.6593, 0.3766,

0.3335

0.3492

403.1751, 0.3245,
0.3333

0.9566, 0.4093,
0.3610

0.0000, 1.0000,
0.0000

73.3712, 0.3336,
0.3364

73.3712, 0.3336,
0.3364

63.3271, 0.3548,
0.3430

84.6391, 0.3160,
0.3302

54.4556, 0.3801,
0.3497

96.8983, 0.3035,
0.3284

46.7165, 0.4100,
0.3564

97.2606, 0.3035,
0.3290

40.0633, 0.4446,
0.3622

■ 34.4461, 0.4829,
0.3664

■ 29.8113, 0.5230,
0.3679

■ 26.0999, 0.5613,
0.3656

■ 23.2459, 0.5931,
0.3592

■ 21.5343, 0.6121,
0.3522

Harmonies

Analogous

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



73.3712, 0.3291, 0.3271



73.3712, 0.3336, 0.3364



73.3712, 0.3323, 0.3439

Triad

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



73.3712, 0.3336, 0.3364



73.3712, 0.3050, 0.3399



73.3712, 0.2997, 0.3108

Complementary

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



73.3712, 0.3336, 0.3364



78.4173, 0.2941, 0.3215

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.



73.3712, 0.2934, 0.3139



73.3712, 0.3336, 0.3364



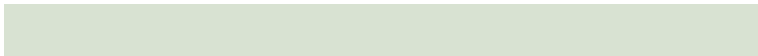
73.3712, 0.2965, 0.3306

Square

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



73.3712, 0.3336, 0.3364



73.3712, 0.3157, 0.3462



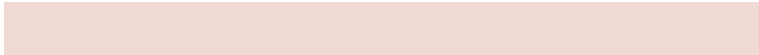
73.3712, 0.2923, 0.3211



73.3712, 0.3094, 0.3126

Rectangle

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



73.3712, 0.3336, 0.3364



73.3712, 0.3284, 0.3469



73.3712, 0.2923, 0.3211



73.3712, 0.2971, 0.3113

Sweetspot

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



73.3744, 0.3336, 0.3364



94.5210, 0.3192, 0.3314



71.0209, 0.3188, 0.3061



20.0164, 0.3204, 0.3318



0.0000, 0.0000, 0.0000



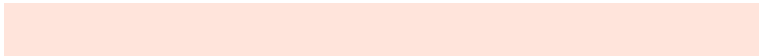
21.4041, 0.3127, 0.3290

Same Dimension

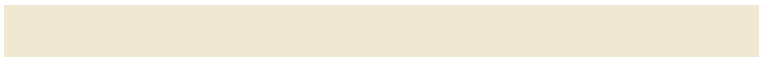
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3744, 0.3336, 0.3364



81.8277, 0.3375, 0.3377



81.0825, 0.3317, 0.3511



16.3778, 0.3287, 0.3348



11.9634, 0.6095, 0.3543



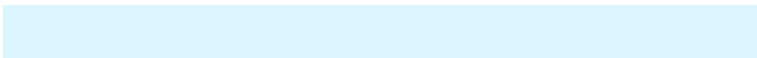
1.1452, 0.5842, 0.3743

Inverse Universe

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



78.4173, 0.2941, 0.3215



88.4756, 0.2910, 0.3202



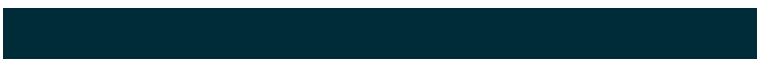
70.6759, 0.2938, 0.3059



17.2452, 0.2981, 0.3232



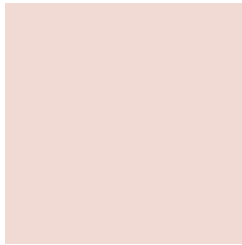
22.0018, 0.2025, 0.2491



1.9831, 0.2058, 0.2609

Previews

White Background



This preview shows how the Yxy color 73.3712, 0.3336, 0.3364 looks on a white background.

Color Contrast Check

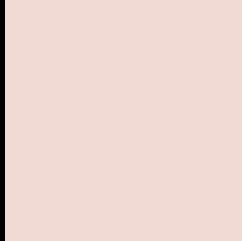
Large Text (above 18pt) WCAG AA × Fail

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 73.3712, 0.3336, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

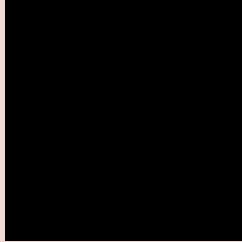
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

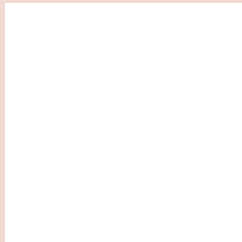
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3712, 0.3336, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 73.3712, 0.3336, 0.3364.

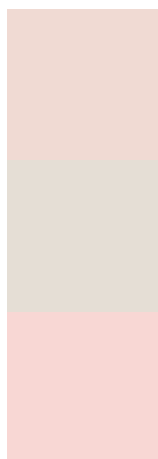


This preview shows how white text looks on a background with the Yxy color 73.3712, 0.3336, 0.3364.

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

73.3712, 0.3336, 0.3364

Protanopia

73.7047, 0.3237, 0.3387

Deuteranopia

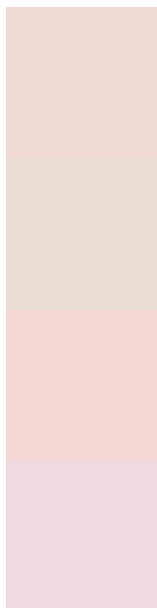
73.3108, 0.3394, 0.3322



Tritanopia

73.4818, 0.3215, 0.3116

Trichromacy



Original Color

73.3712, 0.3336, 0.3364

Protanomaly

73.7900, 0.3274, 0.3386

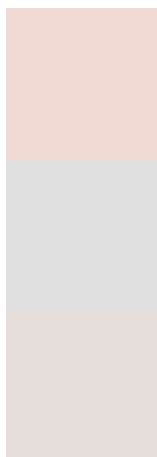
Deuteranomaly

73.2777, 0.3370, 0.3332

Tritanomaly

73.3708, 0.3262, 0.3207

Monochromacy



Original Color

73.3712, 0.3336, 0.3364

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1800, 0.3204, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3712, 0.3336, 0.3364 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(240, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 218, 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(240, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 218, 211) }
```

Border

The CSS property to change the border of an element to Yxy 73.3712, 0.3336, 0.3364 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(240, 218, 211) }
```

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

```
.border{ border-color:rgb(240, 218, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 218, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 218,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3712, 0.3336, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 218, 211) }
```

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

```
.background{ background-color: rgb(240,  
218, 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](#).

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