

Converting Colors

$Y_{xy}(73.1792, 0.3368, 0.3702)$

Have a look what the booklet for
Yxy(73.1792, 0.3368, 0.3702)
contains.

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Color

Yxy(73.3286, 0.3366, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	E0E1BC
RGB	224, 225, 188
RGB Percent	88%, 88%, 74%
CMY	0.1215, 0.1176, 0.2627
CMYK	0.00, 0.00, 0.16, 0.12
HSL	62°, 38%, 81%
HSV	62°, 16%, 88%
XYZ	66.7453, 73.3286, 58.2187
YIQ	220.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

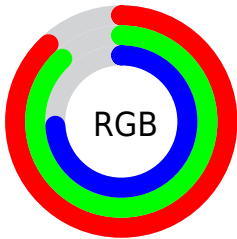
Format	Color
R _Y B	188, 225, 189
Decimal	14737852
CIE Lab	88.60, -6.46, 18.02
CIE LCh	89, 19.144, 109.709
Yxy	73.3286, 0.3366, 0.3698
Android (android.graphics.Color)	4292927932 (0xFFE0E1BC)
YUV	220.4830, -16.0141, 3.0844
Hunter-Lab	85.6321, -10.7258, 19.6330

Details

The Yxy color **73.3286, 0.3366, 0.3698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2277, 0.2867, 0.2849**, and the grayscale version is **72.0365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **38.9337, 0.3421, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **72.3392, 0.3513, 0.3951**, and if you desaturate by 10%, it is **74.4761, 0.3219, 0.3447**.

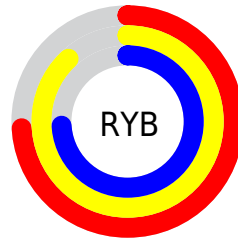
Distribution



Red (88%)

Green (88%)

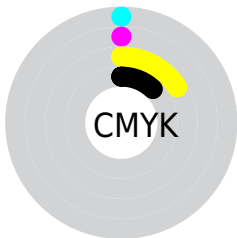
Blue (74%)



Red (74%)

Yellow (88%)

Blue (74%)

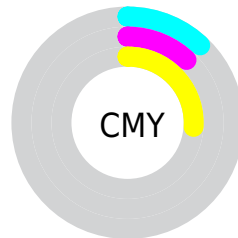


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (12%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3286, 0.3366, 0.3698 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 73.3286, 0.3366, 0.3698 by changing the saturation by 10% instead.


 73.3286, 0.3366,
0.3698

 73.3286, 0.3366,
0.3698


472.1529, 0.3257,
0.3507

 54.2447, 0.3390,
0.3742


 123.9436, 0.3329,
0.3631

 38.7973, 0.3420,
0.3797


156.2435, 0.3314,
0.3606

 26.6021, 0.3458,
0.3866


193.7175, 0.3301,
0.3583

 17.2746, 0.3506,
0.3957

236.7499, 0.3290,
0.3564

 10.4305, 0.3569,
0.4082

285.7253, 0.3280,
0.3547

 5.6853, 0.3656,
0.4261

341.0280, 0.3272,

 2.6547, 0.3779,

0.3532

0.4540

403.0424, 0.3264,
0.3519

0.9542, 0.4393,
0.5607

0.0000, 0.0000,
0.0000

73.3286, 0.3366,
0.3698

73.3286, 0.3366,
0.3698

72.3392, 0.3513,
0.3951

74.4761, 0.3219,
0.3447

71.4912, 0.3657,
0.4199

75.7785, 0.3077,
0.3205

70.7804, 0.3790,
0.4432


77.2122, 0.2945,
0.2981

70.1984, 0.3908,
0.4639

77.3101, 0.2949,
0.2982

 69.7362, 0.4004,
0.4812


 77.4084, 0.2953,
0.2982


 69.3835, 0.4076,
0.4944

 77.5070, 0.2957,
0.2982

 69.1282, 0.4121,
0.5033

 77.6060, 0.2961,
0.2983

 68.9552, 0.4142,
0.5079

 77.7053, 0.2965,
0.2983

 68.9042, 0.4146,
0.5090

 77.8050, 0.2969,
0.2984

Harmonies

Analogous

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



73.3286, 0.3530, 0.3631



73.3286, 0.3366, 0.3698



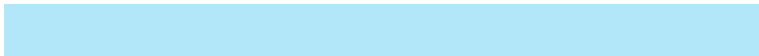
73.3286, 0.3142, 0.3649

Triad

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



73.3286, 0.3366, 0.3698



73.3286, 0.2691, 0.3077



73.3286, 0.3331, 0.3099

Complementary

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



73.3286, 0.3366, 0.3698



52.2277, 0.2867, 0.2849

Split Complementary

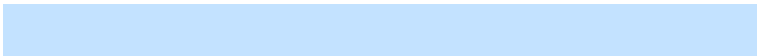
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3286, 0.3099, 0.2963



73.3286, 0.3366, 0.3698



73.3286, 0.2736, 0.2945

Square

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



73.3286, 0.3366, 0.3698



73.3286, 0.2756, 0.3278



73.3286, 0.2883, 0.2906



73.3286, 0.3511, 0.3284

Rectangle

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



73.3286, 0.3366, 0.3698



73.3286, 0.2990, 0.3553



73.3286, 0.2883, 0.2906



73.3286, 0.3256, 0.3047

Sweetspot

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



73.3318, 0.3366, 0.3698



99.1408, 0.3199, 0.3413



55.8750, 0.3438, 0.3298



21.1953, 0.3209, 0.3430



0.0000, 0.0000, 0.0000



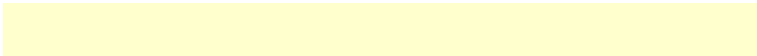
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3318, 0.3366, 0.3698



96.8803, 0.3421, 0.3792



70.5895, 0.3233, 0.3715



16.0098, 0.3263, 0.3522



39.7133, 0.4147, 0.5089



2.7587, 0.4154, 0.5083

Inverse Universe

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



52.2277, 0.2867, 0.2849



63.4378, 0.2801, 0.2737



54.6912, 0.3005, 0.2866



13.2608, 0.2985, 0.3048



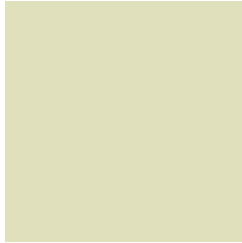
3.1632, 0.1509, 0.0605



0.2255, 0.1534, 0.0619

Previews

White Background



This preview shows how the Yxy color 73.3286, 0.3366, 0.3698 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 73.3286, 0.3366, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

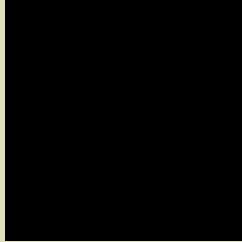
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

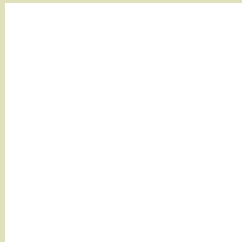
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3286, 0.3366, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 73.3286, 0.3366, 0.3698.



This preview shows how white text looks on a background with the Yxy color 73.3286, 0.3366, 0.3698.

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

73.3286, 0.3366, 0.3698

Protanopia

73.2801, 0.3460, 0.3679

Deuteranopia

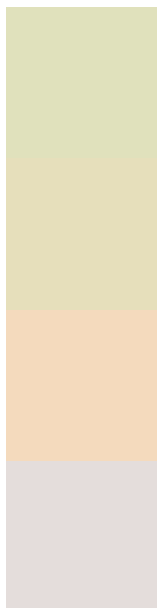
73.0708, 0.3611, 0.3538



Tritanopia

73.1879, 0.3101, 0.3101

Trichromacy



Original Color

73.3286, 0.3366, 0.3698

Protanomaly

73.1862, 0.3421, 0.3683

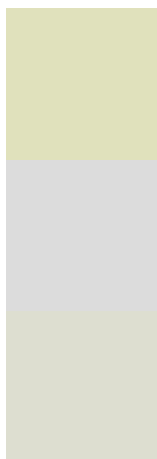
Deuteranomaly

73.0500, 0.3524, 0.3597

Tritanomaly

73.3214, 0.3190, 0.3312

Monochromacy



Original Color

73.3286, 0.3366, 0.3698

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1688, 0.3213, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3286, 0.3366, 0.3698 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(224, 225, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 188)  
}
```

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(224, 225, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 188) }
```

Border

The CSS property to change the border of an element to Yxy 73.3286, 0.3366, 0.3698 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(224, 225, 188) }
```

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

```
.border{ border-color:rgb(224, 225, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 225, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 225, 188); box-shadow:4px 4px 4px 4px rgb(224, 225, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3286, 0.3366, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 188) }
```

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

```
.background{ background-color: rgb(224,  
225, 188) }
```

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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