

Converting Colors

$Y_{xy}(73.1125, 0.3290, 0.3506)$

Have a look what the booklet for
Yxy(73.1125, 0.3290, 0.3506)
contains.

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Color

Yxy(73.4180, 0.3289, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	E3DFCB
RGB	227, 223, 203
RGB Percent	89%, 87%, 80%
CMY	0.1100, 0.1254, 0.2040
CMYK	0.00, 0.02, 0.11, 0.11
HSL	50°, 30%, 84%
HSV	50°, 11%, 89%
XYZ	68.8346, 73.4180, 67.0347
YIQ	221.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

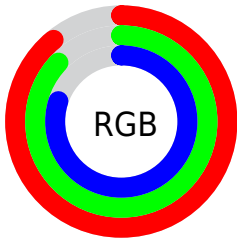
Format	Color
R _Y B	208, 227, 203
Decimal	14933963
CIE Lab	88.65, -2.05, 10.28
CIE LCh	89, 10.486, 101.272
Yxy	73.4180, 0.3289, 0.3508
Android (android.graphics.Color)	4293124043 (0xFFE3DFCB)
YUV	221.9160, -9.3256, 4.4587
Hunter-Lab	85.6843, -6.5493, 13.5937

Details

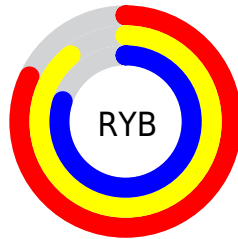
The Yxy color **73.4180, 0.3289, 0.3508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8294, 0.2962, 0.3062**, and the grayscale version is **73.0445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9458, 0.3330, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **70.4456, 0.3452, 0.3722**, and if you desaturate by 10%, it is **76.5991, 0.3135, 0.3301**.

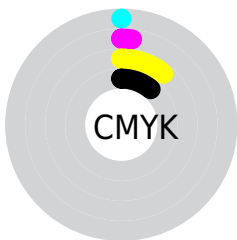
Distribution



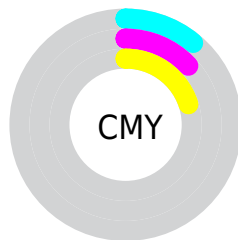
- Red (89%)
- Green (87%)
- Blue (80%)



- Red (82%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4180, 0.3289, 0.3508 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 73.4180, 0.3289, 0.3508 by changing the saturation by 10% instead.

73.4180, 0.3289,
0.3508

73.4180, 0.3289,
0.3508

472.4623, 0.3214,
0.3407

54.3178, 0.3306,
0.3531

124.0704, 0.3263,
0.3473

38.8558, 0.3327,
0.3560

156.3915, 0.3253,
0.3459

26.6476, 0.3353,
0.3596

193.8883, 0.3244,
0.3447

17.3087, 0.3388,
0.3644

236.9452, 0.3237,
0.3437

10.4548, 0.3435,
0.3710

285.9467, 0.3230,
0.3428

5.7016, 0.3502,
0.3804

341.2771, 0.3224,

2.6645, 0.3605,

0.3420

0.3953

403.3208, 0.3219,
0.3413

0.9592, 0.4014,
0.4477

0.0000, 0.0000,
0.0000

73.4180, 0.3289,
0.3508

73.4180, 0.3289,
0.3508

70.4456, 0.3452,
0.3722

76.5991, 0.3135,
0.3301

67.6652, 0.3622,
0.3937


79.9861, 0.2993,
0.3105

65.0724, 0.3794,
0.4147


82.5093, 0.2954,
0.3078

62.6588, 0.3962,
0.4342

84.6582, 0.2955,
0.3116


 60.4155, 0.4120,
0.4512


 86.8521, 0.2956,
0.3155


 58.3325, 0.4260,
0.4647


 89.0912, 0.2956,
0.3193

 56.3982, 0.4375,
0.4739

 91.3759, 0.2957,
0.3231

 54.5991, 0.4462,
0.4785

 93.7064, 0.2957,
0.3268

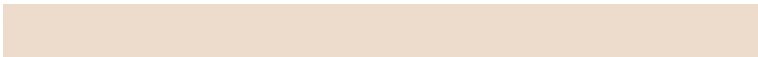
 53.0033, 0.4521,
0.4792

 95.0642, 0.2958,
0.3290

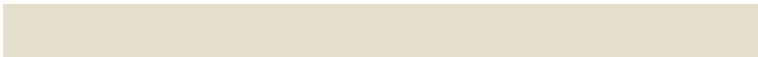
Harmonies

Analogous

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



73.4180, 0.3362, 0.3459



73.4180, 0.3289, 0.3508



73.4180, 0.3173, 0.3497

Triad

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



73.4180, 0.3289, 0.3508



73.4180, 0.2889, 0.3205



73.4180, 0.3205, 0.3159

Complementary

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



73.4180, 0.3289, 0.3508



62.8294, 0.2962, 0.3062

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.



73.4180, 0.3078, 0.3093



73.4180, 0.3289, 0.3508



73.4180, 0.2897, 0.3117

Square

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



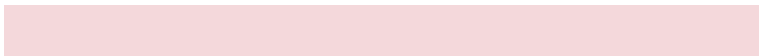
73.4180, 0.3289, 0.3508



73.4180, 0.2943, 0.3319



73.4180, 0.2965, 0.3078



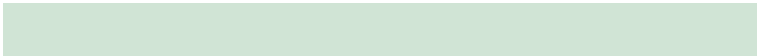
73.4180, 0.3314, 0.3258

Rectangle

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



73.4180, 0.3289, 0.3508



73.4180, 0.3088, 0.3456



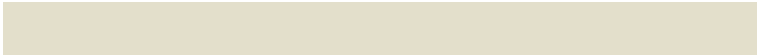
73.4180, 0.2965, 0.3078



73.4180, 0.3163, 0.3132

Sweetspot

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



73.4212, 0.3289, 0.3508



98.7175, 0.3172, 0.3351



63.5348, 0.3284, 0.3246



21.0571, 0.3184, 0.3368



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.



73.4212, 0.3289, 0.3508



94.6189, 0.3329, 0.3561



74.2822, 0.3227, 0.3554



16.3927, 0.3272, 0.3485



31.0709, 0.4515, 0.4797



2.4039, 0.4461, 0.4840

Inverse Universe

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



62.8294, 0.2962, 0.3062



77.8273, 0.2920, 0.3003



62.0959, 0.3020, 0.3021



14.2679, 0.2980, 0.3087



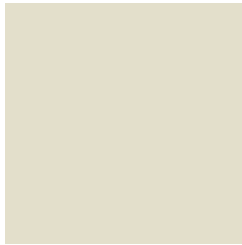
4.1298, 0.1541, 0.0746



0.4210, 0.1606, 0.0982

Previews

White Background



This preview shows how the Yxy color 73.4180, 0.3289, 0.3508 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 73.4180, 0.3289, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

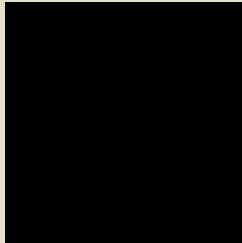
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

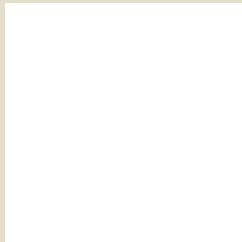
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4180, 0.3289, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 73.4180, 0.3289, 0.3508.



This preview shows how white text looks on a background with the Yxy color 73.4180, 0.3289, 0.3508.

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

73.4180, 0.3289, 0.3508

Protanopia

73.4957, 0.3327, 0.3506

Deuteranopia

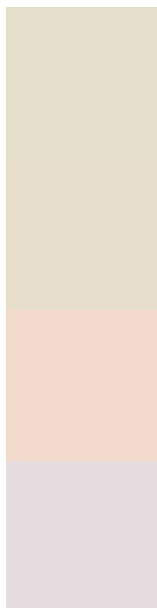
73.5179, 0.3467, 0.3394



Tritanopia

73.2968, 0.3114, 0.3112

Trichromacy



Original Color

73.4180, 0.3289, 0.3508

Protanomaly

73.3298, 0.3319, 0.3507

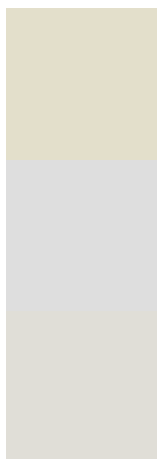
Deuteranomaly

73.3797, 0.3401, 0.3438

Tritanomaly

73.3371, 0.3179, 0.3258

Monochromacy



Original Color

73.4180, 0.3289, 0.3508

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.9961, 0.3188, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4180, 0.3289, 0.3508 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(227, 223, 203)` looks like.

```
.text, #text, p{  
    color:rgb(227, 223, 203)  
}
```

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(227, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 223, 203) }
```

Border

The CSS property to change the border of an element to Yxy 73.4180, 0.3289, 0.3508 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(227, 223, 203) }
```

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

```
.border{ border-color:rgb(227, 223, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 223, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(227, 223,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4180, 0.3289, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 223, 203) }
```

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

```
.background{ background-color: rgb(227,  
223, 203) }
```

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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