

Converting Colors

$Yxy(73.8034, 0.3192, 0.3410)$

Have a look what the booklet for
Yxy(73.8034, 0.3192, 0.3410)
contains.

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Color

Yxy(73.8034, 0.3192, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	DFE0D5
RGB	223, 224, 213
RGB Percent	87%, 88%, 84%
CMY	0.1257, 0.1215, 0.1648
CMYK	0.00, 0.00, 0.05, 0.12
HSL	66°, 15%, 86%
HSV	66°, 5%, 88%
XYZ	69.0852, 73.8034, 73.5437
YIQ	222.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

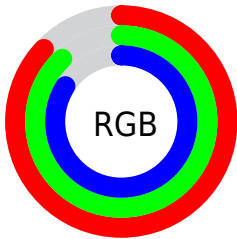
Format	Color
R _Y B	213, 224, 214
Decimal	14672085
CIE Lab	88.83, -2.29, 5.26
CIE LCh	89, 5.740, 113.552
Yxy	73.8034, 0.3192, 0.3410
Android (android.graphics.Color)	4292862165 (0xFFDFE0D5)
YUV	222.4470, -4.6574, 0.4850
Hunter-Lab	85.9089, -6.7966, 9.3801

Details

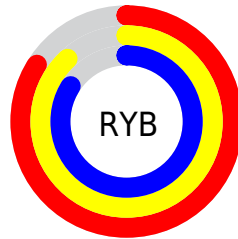
The Yxy color **73.8034, 0.3192, 0.3410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2672, 0.3061, 0.3168**, and the grayscale version is **73.4084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1694, 0.3212, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **72.4054, 0.3326, 0.3662**, and if you desaturate by 10%, it is **75.3693, 0.3062, 0.3170**.

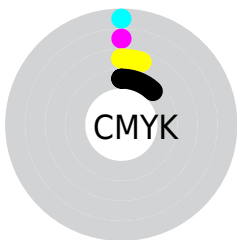
Distribution



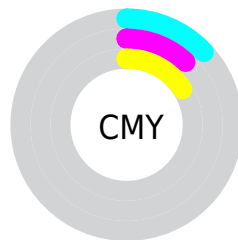
- Red (87%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8034, 0.3192, 0.3410 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 73.8034, 0.3192, 0.3410 by changing the saturation by 10% instead.

■ 73.8034, 0.3192,
0.3410

■ 73.8034, 0.3192,
0.3410

473.7946, 0.3162,
0.3354

■ 54.6331, 0.3199,
0.3423

124.6171, 0.3182,
0.3391

■ 39.1081, 0.3207,
0.3439

157.0293, 0.3178,
0.3383

■ 26.8438, 0.3218,
0.3459

194.6243, 0.3174,
0.3377

■ 17.4560, 0.3231,
0.3485

237.7864, 0.3171,
0.3371

■ 10.5601, 0.3250,
0.3521

286.9001, 0.3169,
0.3366

■ 5.7719, 0.3277,
0.3574

342.3498, 0.3166,

■ 2.7069, 0.3319,

0.3362

0.3657

404.5198, 0.3164,
0.3358

0.9807, 0.3425,
0.3845

0.0000, 0.0000,
0.0000

73.8034, 0.3192,
0.3410

73.8034, 0.3192,
0.3410

72.4054, 0.3326,
0.3662

75.3693, 0.3062,
0.3170

71.1594, 0.3462,
0.3919

76.9186, 0.2955,
0.2972


70.0616, 0.3593,
0.4175

77.2729, 0.2969,
0.2973

69.1047, 0.3715,
0.4421


77.6315, 0.2983,
0.2975

 68.2805, 0.3823,
0.4645


 77.9947, 0.2998,
0.2976


 67.5804, 0.3911,
0.4838


 78.3623, 0.3012,
0.2977


 66.9941, 0.3974,
0.4991

 78.7344, 0.3027,
0.2979

 66.5103, 0.4011,
0.5101

 79.1109, 0.3041,
0.2980

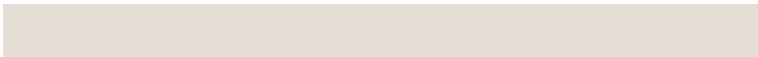
 66.1145, 0.4023,
0.5166

 79.4920, 0.3056,
0.2981

Harmonies

Analogous

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



73.8034, 0.3243, 0.3397



73.8034, 0.3192, 0.3410



73.8034, 0.3124, 0.3390

Triad

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



73.8034, 0.3192, 0.3410



73.8034, 0.2994, 0.3222



73.8034, 0.3197, 0.3239

Complementary

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



73.8034, 0.3192, 0.3410



67.2672, 0.3061, 0.3168

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.



73.8034, 0.3129, 0.3193



73.8034, 0.3192, 0.3410



73.8034, 0.3013, 0.3183

Square

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



73.8034, 0.3192, 0.3410



73.8034, 0.3010, 0.3280



73.8034, 0.3062, 0.3173



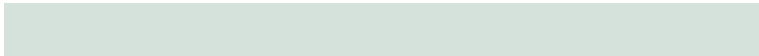
73.8034, 0.3246, 0.3298

Rectangle

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



73.8034, 0.3192, 0.3410



73.8034, 0.3079, 0.3360



73.8034, 0.3062, 0.3173



73.8034, 0.3175, 0.3222

Sweetspot

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



73.8066, 0.3192, 0.3410



99.7902, 0.3140, 0.3314



68.6985, 0.3208, 0.3300



21.3614, 0.3140, 0.3313



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.



73.8066, 0.3192, 0.3410



98.7745, 0.3207, 0.3438



72.9668, 0.3154, 0.3411



16.0473, 0.3214, 0.3452



38.3993, 0.4026, 0.5186



2.6814, 0.4053, 0.5164

Inverse Universe

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



67.2672, 0.3061, 0.3168



88.0955, 0.3045, 0.3139



68.0893, 0.3099, 0.3169



14.1543, 0.3037, 0.3124



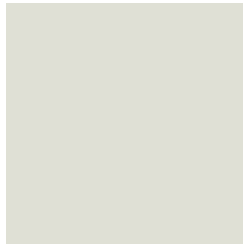
3.2516, 0.1534, 0.0619



0.2473, 0.1621, 0.0667

Previews

White Background



This preview shows how the Yxy color 73.8034, 0.3192, 0.3410 looks on a white background.

Color Contrast Check

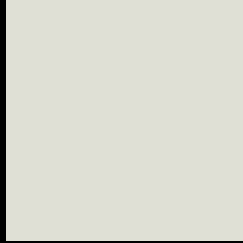
Large Text (above 18pt) WCAG AA × Fail

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 73.8034, 0.3192, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

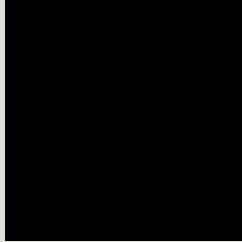
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

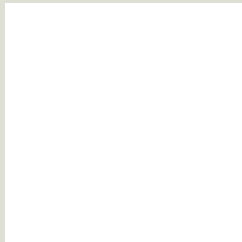
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8034, 0.3192, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 73.8034, 0.3192, 0.3410.

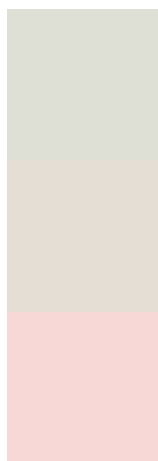


This preview shows how white text looks on a background with the Yxy color 73.8034, 0.3192, 0.3410.

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

73.8034, 0.3192, 0.3410

Protanopia

73.6540, 0.3244, 0.3398

Deuteranopia

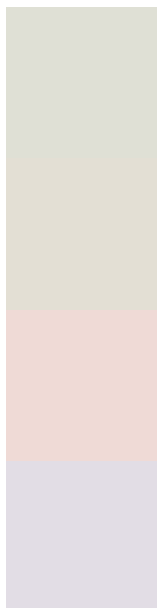
73.4636, 0.3372, 0.3291



Tritanopia

73.6903, 0.3059, 0.3100

Trichromacy



Original Color

73.8034, 0.3192, 0.3410

Protanomaly

73.8597, 0.3228, 0.3409

Deuteranomaly

73.3486, 0.3308, 0.3333

Tritanomaly

73.5388, 0.3110, 0.3205

Monochromacy



Original Color

73.8034, 0.3192, 0.3410

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4194, 0.3146, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8034, 0.3192, 0.3410 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(223, 224, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 213)  
}
```

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(223, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 213) }
```

Border

The CSS property to change the border of an element to Yxy 73.8034, 0.3192, 0.3410 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(223, 224, 213) }
```

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

```
.border{ border-color:rgb(223, 224, 213) }
```

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

Here you see how a box with a 4 pixel rgb(223, 224, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8034, 0.3192, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 213) }
```

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

```
.background{ background-color: rgb(223,  
224, 213) }
```

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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