

Converting Colors

$Yxy(73.7065, 0.3356, 0.3670)$

Have a look what the booklet for
Yxy(73.7065, 0.3356, 0.3670)
contains.

Yxy(73.6196, 0.3353, 0.3664)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6196, 0.3353, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	E1E1BF
RGB	225, 225, 191
RGB Percent	88%, 88%, 75%
CMY	0.1178, 0.1176, 0.2511
CMYK	0.00, 0.00, 0.15, 0.12
HSL	60°, 36%, 82%
HSV	60°, 15%, 88%
XYZ	67.3708, 73.6196, 59.9365
YIQ	221.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

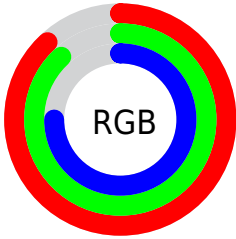
Format	Color
RYB	191, 225, 191
Decimal	14803391
CIELab	88.74, -5.67, 16.68
CIELCh	89, 17.616, 108.768
Yxy	73.6196, 0.3353, 0.3664
Android (android.graphics.Color)	4292993471 (0xFFE1E1BF)
YUV	221.1240, -14.8511, 3.3993
Hunter-Lab	85.8019, -9.9968, 18.6446

Details

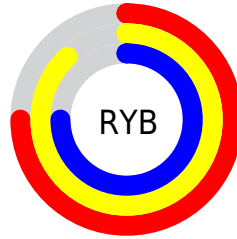
The Yxy color **73.6196, 0.3353, 0.3664** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.7701, 0.2883, 0.2887**, and the grayscale version is **72.4963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **39.1305, 0.3404, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **72.7018, 0.3505, 0.3916**, and if you desaturate by 10%, it is **74.6961, 0.3202, 0.3415**.

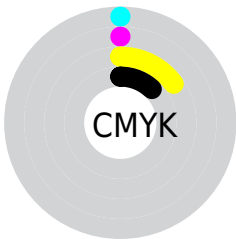
Distribution



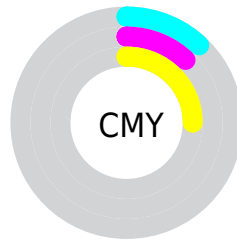
- Red (88%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)





- Cyan (12%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6196, 0.3353, 0.3664 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 73.6196, 0.3353, 0.3664 by changing the saturation by 10% instead.

 73.6196, 0.3353,
0.3664

 73.6196, 0.3353,
0.3664


473.1594, 0.3250,
0.3489

 54.4828, 0.3376,
0.3704

 124.3564, 0.3317,
0.3603

 38.9877, 0.3405,
0.3754


156.7252, 0.3304,
0.3580

 26.7502, 0.3440,
0.3817


194.2734, 0.3292,
0.3559

 17.3857, 0.3486,
0.3901

237.3854, 0.3281,
0.3542

 10.5099, 0.3547,
0.4014

286.4456, 0.3272,
0.3526

 5.7383, 0.3631,
0.4178

341.8384, 0.3264,

 2.6866, 0.3753,

0.3512

0.4433

403.9482, 0.3256,
0.3500

■ 0.9704, 0.4461,
0.5539

■ 0.0000, 0.0000,
0.0000

■ 73.6196, 0.3353,
0.3664

■ 73.6196, 0.3353,
0.3664

■ 72.7018, 0.3505,
0.3916

■ 74.6961, 0.3202,
0.3415

■ 71.9260, 0.3654,
0.4162


■ 75.9280, 0.3057,
0.3174


■ 71.2881, 0.3793,
0.4394


■ 77.0982, 0.2941,
0.2981


■ 70.7798, 0.3918,
0.4601


■ 77.1036, 0.2941,
0.2981


 70.3922, 0.4022,
0.4774


 77.1090, 0.2941,
0.2981


 70.1153, 0.4102,
0.4906


 77.1143, 0.2941,
0.2981


 69.9371, 0.4155,
0.4995

 77.1197, 0.2941,
0.2981

 69.8434, 0.4183,
0.5042

 77.1250, 0.2942,
0.2981

 69.8167, 0.4191,
0.5055

 77.1304, 0.2942,
0.2981

Harmonies

Analogous

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



73.6196, 0.3501, 0.3600



73.6196, 0.3353, 0.3664



73.6196, 0.3148, 0.3622

Triad

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



73.6196, 0.3353, 0.3664



73.6196, 0.2725, 0.3100



73.6196, 0.3308, 0.3110

Complementary

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



73.6196, 0.3353, 0.3664



53.7701, 0.2883, 0.2887

Split Complementary

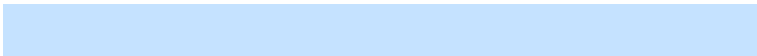
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6196, 0.3095, 0.2986



73.6196, 0.3353, 0.3664



73.6196, 0.2764, 0.2975

Square

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



73.6196, 0.3353, 0.3664



73.6196, 0.2789, 0.3286



73.6196, 0.2897, 0.2936



73.6196, 0.3475, 0.3279

Rectangle

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



73.6196, 0.3353, 0.3664



73.6196, 0.3007, 0.3536



73.6196, 0.2897, 0.2936



73.6196, 0.3239, 0.3062

Sweetspot

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



73.6228, 0.3353, 0.3664



99.2023, 0.3201, 0.3412



57.0237, 0.3410, 0.3291



21.2103, 0.3212, 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.



73.6228, 0.3353, 0.3664



97.3755, 0.3399, 0.3740



71.0303, 0.3229, 0.3679



16.0285, 0.3267, 0.3522



40.2250, 0.4191, 0.5055



2.7885, 0.4191, 0.5054

Inverse Universe

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



53.7701, 0.2883, 0.2887



66.4498, 0.2830, 0.2797



56.0995, 0.3012, 0.2902



13.2443, 0.2981, 0.3047



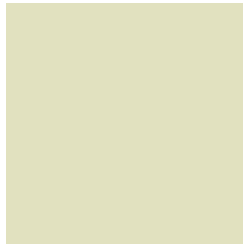
3.1343, 0.1501, 0.0600



0.2176, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 73.6196, 0.3353, 0.3664 looks on a white background.

Color Contrast Check

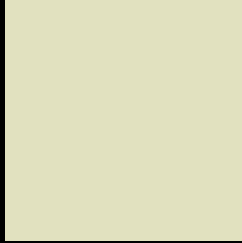
Large Text (above 18pt) WCAG AA × Fail

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 73.6196, 0.3353, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

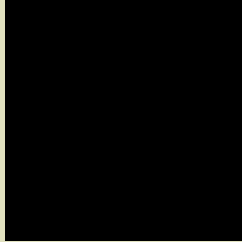
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

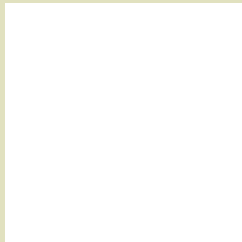
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6196, 0.3353, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 73.6196, 0.3353, 0.3664.



This preview shows how white text looks on a background with the Yxy color 73.6196, 0.3353, 0.3664.

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

73.6196, 0.3353, 0.3664

Protanopia

73.4527, 0.3432, 0.3636

Deuteranopia

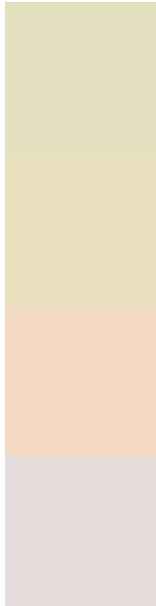
73.2034, 0.3589, 0.3507



Tritanopia

73.7081, 0.3100, 0.3112

Trichromacy



Original Color

73.6196, 0.3353, 0.3664

Protanomaly

73.4820, 0.3408, 0.3649

Deuteranomaly

73.1817, 0.3502, 0.3565

Tritanomaly

73.5382, 0.3191, 0.3301

Monochromacy



Original Color

73.6196, 0.3353, 0.3664

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4253, 0.3207, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6196, 0.3353, 0.3664 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(225, 225, 191)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 191)  
}
```

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(225, 225, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.6196, 0.3353, 0.3664 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(225, 225, 191) }
```

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

```
.border{ border-color:rgb(225, 225, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 191);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6196, 0.3353, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 191) }
```

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

```
.background{ background-color: rgb(225,  
225, 191) }
```

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