

Converting Colors

$Yxy(73.6309, 0.3248, 0.3495)$

Have a look what the booklet for
Yxy(73.6309, 0.3248, 0.3495)
contains.

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Color

Yxy(73.5664, 0.3253, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	E0E0CD
RGB	224, 224, 205
RGB Percent	88%, 88%, 80%
CMY	0.1215, 0.1215, 0.1962
CMYK	0.00, 0.00, 0.09, 0.12
HSL	60°, 23%, 84%
HSV	60°, 9%, 88%
XYZ	68.4138, 73.5664, 68.3297
YIQ	221.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

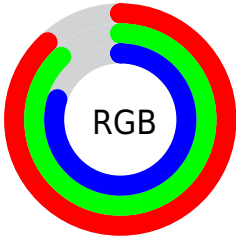
Format	Color
R _Y B	205, 224, 205
Decimal	14737613
CIE Lab	88.72, -3.27, 9.32
CIE LCh	89, 9.874, 109.342
Yxy	73.5664, 0.3253, 0.3498
Android (android.graphics.Color)	4292927693 (0xFFE0E0CD)
YUV	221.8340, -8.2992, 1.8996
Hunter-Lab	85.7709, -7.7212, 12.8060

Details

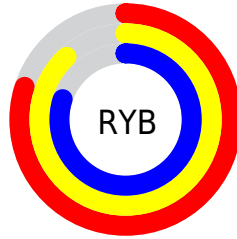
The Yxy color **73.5664, 0.3253, 0.3498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0042, 0.2996, 0.3073**, and the grayscale version is **72.9812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0453, 0.3282, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **72.5635, 0.3405, 0.3749**, and if you desaturate by 10%, it is **74.7306, 0.3105, 0.3254**.

Distribution



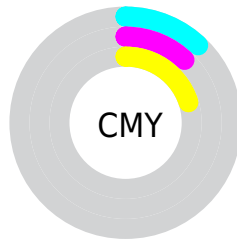
- Red (88%)
- Green (88%)
- Blue (80%)



- Red (80%)
- Yellow (88%)
- Blue (80%)



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



- Cyan (12%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5664, 0.3253, 0.3498 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 73.5664, 0.3253, 0.3498 by changing the saturation by 10% instead.

■ 73.5664, 0.3253,
0.3498

■ 73.5664, 0.3253,
0.3498

472.9755, 0.3195,
0.3401

■ 54.4392, 0.3266,
0.3520

124.2810, 0.3233,
0.3464

■ 38.9529, 0.3282,
0.3548

156.6371, 0.3225,
0.3451

■ 26.7231, 0.3303,
0.3583

194.1718, 0.3218,
0.3440

■ 17.3654, 0.3329,
0.3629

237.2692, 0.3213,
0.3430

■ 10.4953, 0.3365,
0.3692

286.3140, 0.3207,
0.3422

■ 5.7286, 0.3417,
0.3784

341.6903, 0.3203,

■ 2.6808, 0.3495,

0.3414

0.3929

403.7827, 0.3199,
0.3407

■ 0.9674, 0.3799,
0.4389

■ 0.0000, 0.0000,
0.0000

■ 73.5664, 0.3253,
0.3498

■ 73.5664, 0.3253,
0.3498

■ 72.5635, 0.3405,
0.3749

■ 74.7306, 0.3105,
0.3254

■ 71.7057, 0.3556,
0.4000

■ 76.0526, 0.2965,
0.3022

■ 70.9892, 0.3703,
0.4242

■ 76.3858, 0.2933,
0.2970

■ 70.4065, 0.3839,
0.4466

■ 76.3866, 0.2933,
0.2970

69.9491, 0.3957,
0.4662

76.3874, 0.2933,
0.2970

69.6080, 0.4054,
0.4822

76.3882, 0.2933,
0.2970

69.3726, 0.4125,
0.4939

76.3889, 0.2933,
0.2970

69.2306, 0.4169,
0.5013

76.3897, 0.2933,
0.2970

69.1637, 0.4191,
0.5048

76.3905, 0.2933,
0.2970

Harmonies

Analogous

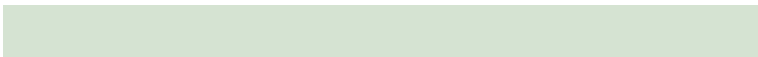
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5664, 0.3335, 0.3467



73.5664, 0.3253, 0.3498



73.5664, 0.3138, 0.3472

Triad

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



73.5664, 0.3253, 0.3498



73.5664, 0.2899, 0.3184



73.5664, 0.3231, 0.3189

Complementary

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



73.5664, 0.3253, 0.3498



62.0042, 0.2996, 0.3073

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.



73.5664, 0.3113, 0.3117



73.5664, 0.3253, 0.3498



73.5664, 0.2922, 0.3112

Square

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



73.5664, 0.3253, 0.3498



73.5664, 0.2935, 0.3287



73.5664, 0.3000, 0.3089



73.5664, 0.3323, 0.3288

Rectangle

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



73.5664, 0.3253, 0.3498



73.5664, 0.3059, 0.3424



73.5664, 0.3000, 0.3089



73.5664, 0.3193, 0.3161

Sweetspot

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



73.5696, 0.3253, 0.3498



99.5167, 0.3171, 0.3363



63.9170, 0.3272, 0.3287



21.2737, 0.3183, 0.3383



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.



73.5696, 0.3253, 0.3498



98.4641, 0.3277, 0.3537



72.1393, 0.3187, 0.3502



16.0294, 0.3267, 0.3522



40.2508, 0.4193, 0.5052



2.7900, 0.4193, 0.5052

Inverse Universe

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



62.0042, 0.2996, 0.3073



80.2770, 0.2970, 0.3030



63.3509, 0.3064, 0.3078



13.2435, 0.2980, 0.3047



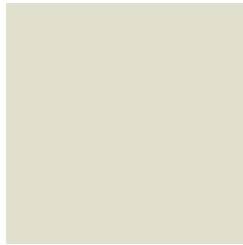
3.1329, 0.1500, 0.0600



0.2172, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 73.5664, 0.3253, 0.3498 looks on a white background.

Color Contrast Check

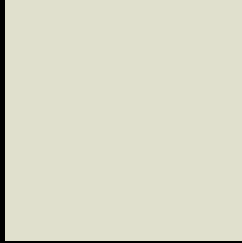
Large Text (above 18pt) WCAG AA × Fail

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 73.5664, 0.3253, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

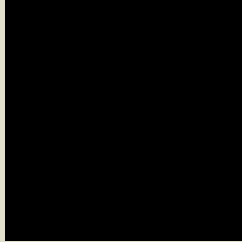
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

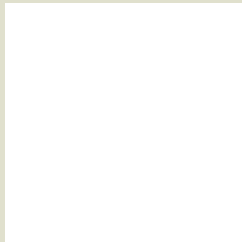
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5664, 0.3253, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 73.5664, 0.3253, 0.3498.



This preview shows how white text looks on a background with the Yxy color 73.5664, 0.3253, 0.3498.

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

73.5664, 0.3253, 0.3498

Protanopia

73.5911, 0.3313, 0.3484

Deuteranopia

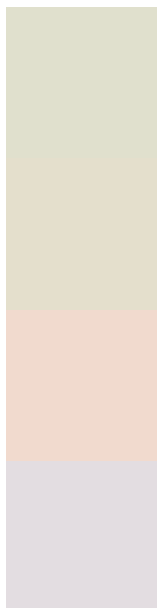
73.4299, 0.3445, 0.3373



Tritanopia

73.4355, 0.3080, 0.3101

Trichromacy



Original Color

73.5664, 0.3253, 0.3498

Protanomaly

73.6290, 0.3290, 0.3496

Deuteranomaly

73.2998, 0.3379, 0.3417

Tritanomaly

73.4800, 0.3143, 0.3247

Monochromacy



Original Color

73.5664, 0.3253, 0.3498

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4212, 0.3173, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5664, 0.3253, 0.3498 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, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 205)  
}
```

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, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 205) }
```

Border

The CSS property to change the border of an element to Yxy 73.5664, 0.3253, 0.3498 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, 224, 205) }
```

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

```
.border{ border-color:rgb(224, 224, 205) }
```

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

Here you see how a box with a 4 pixel rgb(224, 224, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5664, 0.3253, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 205) }
```

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

```
.background{ background-color: rgb(224,  
224, 205) }
```

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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