

Converting Colors

$Yxy(73.2868, 0.3280, 0.3544)$

Have a look what the booklet for
Yxy(73.2868, 0.3280, 0.3544)
contains.

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Color

Yxy(73.3756, 0.3280, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	E0E0C9
RGB	224, 224, 201
RGB Percent	88%, 88%, 79%
CMY	0.1214, 0.1216, 0.2118
CMYK	0.00, 0.00, 0.10, 0.12
HSL	60°, 27%, 83%
HSV	60°, 10%, 88%
XYZ	67.9480, 73.3756, 65.8350
YIQ	221.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

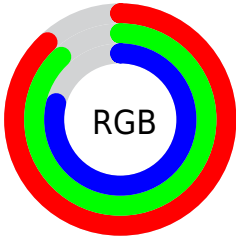
Format	Color
RYB	201, 224, 201
Decimal	14737609
CIELab	88.63, -3.90, 11.27
CIELCh	89, 11.926, 109.083
Yxy	73.3756, 0.3280, 0.3542
Android (android.graphics.Color)	4292927689 (0xFFE0E0C9)
YUV	221.3780, -10.0464, 2.2995
Hunter-Lab	85.6596, -8.3120, 14.3934

Details

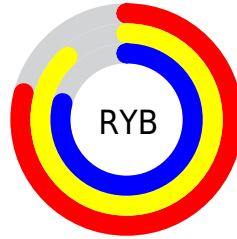
The Yxy color **73.3756, 0.3280, 0.3542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5953, 0.2966, 0.3025**, and the grayscale version is **72.6595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9175, 0.3318, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **72.3731, 0.3432, 0.3793**, and if you desaturate by 10%, it is **74.5383, 0.3131, 0.3297**.

Distribution



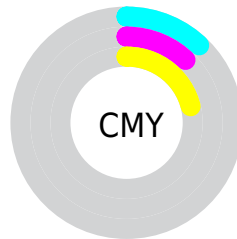
- Red (88%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3756, 0.3280, 0.3542 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 73.3756, 0.3280, 0.3542 by changing the saturation by 10% instead.

■ 73.3756, 0.3280,
0.3542

■ 73.3756, 0.3280,
0.3542

472.3155, 0.3210,
0.3425

■ 54.2831, 0.3296,
0.3569

124.0103, 0.3256,
0.3501

■ 38.8281, 0.3315,
0.3603

156.3213, 0.3246,
0.3485

■ 26.6260, 0.3340,
0.3645

193.8073, 0.3238,
0.3472

■ 17.2925, 0.3372,
0.3701

236.8526, 0.3231,
0.3460

■ 10.4433, 0.3415,
0.3778

285.8417, 0.3225,
0.3449

■ 5.6938, 0.3477,
0.3890

341.1590, 0.3219,

■ 2.6598, 0.3570,

0.3440

0.4066

403.1888, 0.3214,
0.3432

0.9568, 0.4020,
0.4734

0.0000, 0.0000,
0.0000

73.3756, 0.3280,
0.3542

73.3756, 0.3280,
0.3542

72.3731, 0.3432,
0.3793

74.5383, 0.3131,
0.3297

71.5146, 0.3584,
0.4042

75.8578, 0.2989,
0.3063


70.7962, 0.3729,
0.4282

76.4631, 0.2934,
0.2971

70.2101, 0.3862,
0.4501

76.4902, 0.2934,
0.2972

 69.7479, 0.3978,
0.4691

 76.5172, 0.2934,
0.2972

 69.4002, 0.4071,
0.4843


 76.5443, 0.2934,
0.2973


 69.1562, 0.4137,
0.4953

 76.5714, 0.2934,
0.2973

 69.0032, 0.4178,
0.5019

 76.5984, 0.2934,
0.2974

 68.9200, 0.4197,
0.5049

 76.6255, 0.2934,
0.2974

Harmonies

Analogous

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



73.3756, 0.3379, 0.3503



73.3756, 0.3280, 0.3542



73.3756, 0.3141, 0.3511

Triad

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



73.3756, 0.3280, 0.3542



73.3756, 0.2852, 0.3162



73.3756, 0.3252, 0.3168

Complementary

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



73.3756, 0.3280, 0.3542



59.5953, 0.2966, 0.3025

Split Complementary

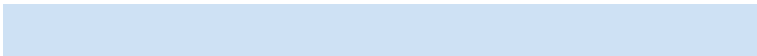
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3756, 0.3108, 0.3082



73.3756, 0.3280, 0.3542



73.3756, 0.2880, 0.3076

Square

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



73.3756, 0.3280, 0.3542



73.3756, 0.2896, 0.3287



73.3756, 0.2972, 0.3048



73.3756, 0.3363, 0.3286

Rectangle

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



73.3756, 0.3280, 0.3542



73.3756, 0.3045, 0.3454



73.3756, 0.2972, 0.3048



73.3756, 0.3205, 0.3134

Sweetspot

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



73.3788, 0.3280, 0.3542



99.5061, 0.3171, 0.3363



61.8596, 0.3306, 0.3286



21.2708, 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.



73.3788, 0.3280, 0.3542



98.1398, 0.3307, 0.3587



71.6838, 0.3199, 0.3549



16.0240, 0.3267, 0.3521



40.1008, 0.4197, 0.5049



2.7813, 0.4196, 0.5050

Inverse Universe

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



59.5953, 0.2966, 0.3025



76.6949, 0.2936, 0.2975



61.1717, 0.3049, 0.3031



13.2482, 0.2980, 0.3048



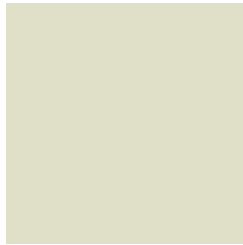
3.1412, 0.1501, 0.0602



0.2195, 0.1502, 0.0606

Previews

White Background



This preview shows how the Yxy color 73.3756, 0.3280, 0.3542 looks on a white background.

Color Contrast Check

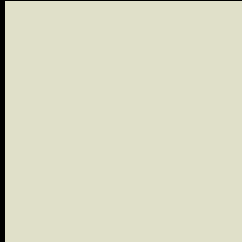
Large Text (above 18pt) WCAG AA × Fail

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 73.3756, 0.3280, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

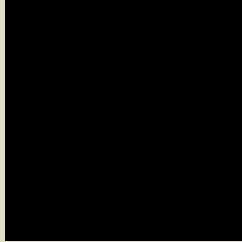
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

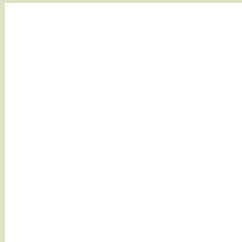
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3756, 0.3280, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 73.3756, 0.3280, 0.3542.



This preview shows how white text looks on a background with the Yxy color 73.3756, 0.3280, 0.3542.

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

73.3756, 0.3280, 0.3542

Protanopia

73.5685, 0.3348, 0.3527

Deuteranopia

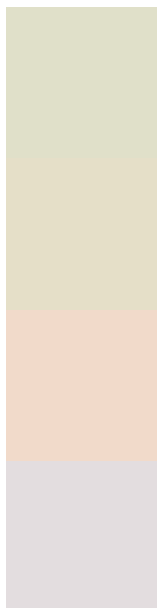
72.9142, 0.3484, 0.3405



Tritanopia

73.3772, 0.3086, 0.3111

Trichromacy



Original Color

73.3756, 0.3280, 0.3542

Protanomaly

73.6035, 0.3324, 0.3540

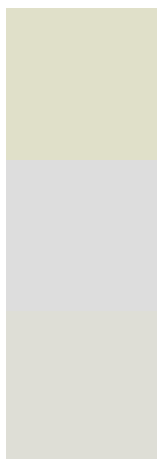
Deuteranomaly

73.1078, 0.3408, 0.3460

Tritanomaly

73.3715, 0.3157, 0.3269

Monochromacy



Original Color

73.3756, 0.3280, 0.3542

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6272, 0.3180, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3756, 0.3280, 0.3542 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 201) }
```

Border

The CSS property to change the border of an element to Yxy 73.3756, 0.3280, 0.3542 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, 201) }
```

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

```
.border{ border-color:rgb(224, 224, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3756, 0.3280, 0.3542 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, 201) }
```

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

```
.background{ background-color: rgb(224,  
224, 201) }
```

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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