

Converting Colors

$Y_{xy}(75.2742, 0.3315, 0.3651)$

Have a look what the booklet for
Yxy(75.2742, 0.3315, 0.3651)
contains.

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Color

Yxy(75.2742, 0.3315, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	E0E4C3
RGB	224, 228, 195
RGB Percent	88%, 89%, 76%
CMY	0.1213, 0.1059, 0.2353
CMYK	0.02, 0.00, 0.14, 0.11
HSL	67°, 38%, 83%
HSV	67°, 14%, 89%
XYZ	68.3467, 75.2742, 62.5533
YIQ	223.0420, 8.2090, -11.1110

Conversions

Conversions Part 2

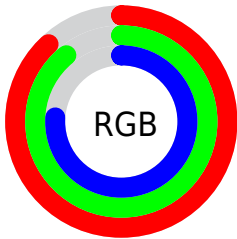
Format	Color
RYB	195, 228, 199
Decimal	14738627
CIELab	89.52, -6.88, 15.67
CIELCh	90, 17.116, 113.711
Yxy	75.2742, 0.3315, 0.3651
Android (android.graphics.Color)	4292928707 (0xFFE0E4C3)
YUV	223.0420, -13.8247, 0.8402
Hunter-Lab	86.7607, -11.2158, 17.9852

Details

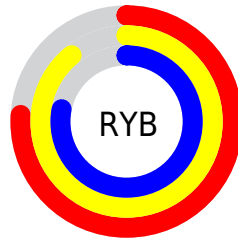
The Yxy color **75.2742, 0.3315, 0.3651** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.7613, 0.2923, 0.2909**, and the grayscale version is **73.9261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **40.2452, 0.3362, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **73.8929, 0.3446, 0.3910**, and if you desaturate by 10%, it is **76.8265, 0.3184, 0.3399**.

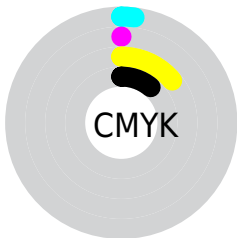
Distribution



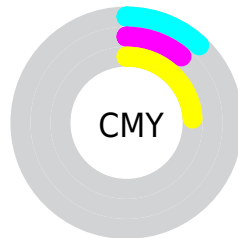
- Red (88%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2742, 0.3315, 0.3651 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 75.2742, 0.3315, 0.3651 by changing the saturation by 10% instead.

■ 75.2742, 0.3315,
0.3651

■ 75.2742, 0.3315,
0.3651

478.8595, 0.3230,
0.3483

■ 55.8376, 0.3334,
0.3690

126.7004, 0.3286,
0.3592

■ 40.0727, 0.3357,
0.3738

159.4588, 0.3274,
0.3570

■ 27.5952, 0.3386,
0.3799

197.4265, 0.3264,
0.3550

■ 18.0208, 0.3423,
0.3879

240.9880, 0.3256,
0.3533

■ 10.9649, 0.3473,
0.3988

290.5277, 0.3248,
0.3518

■ 6.0432, 0.3540,
0.4146

346.4299, 0.3241,

■ 2.8714, 0.3637,

0.3505

0.4393

409.0790, 0.3235,
0.3493

■ 1.0650, 0.4274,
0.5459

■ 0.0000, 0.0000,
0.0000

■ 75.2742, 0.3315,
0.3651

■ 75.2742, 0.3315,
0.3651

■ 73.8929, 0.3446,
0.3910

■ 76.8265, 0.3184,
0.3399

■ 72.6655, 0.3574,
0.4169

■ 78.5466, 0.3058,
0.3159

■ 71.5877, 0.3693,
0.4418

■ 79.8917, 0.2988,
0.3016

■ 70.6511, 0.3797,
0.4648

■ 80.3504, 0.3005,
0.3018

69.8464, 0.3882,
0.4847

80.8162, 0.3023,
0.3019

69.1633, 0.3942,
0.5007

81.2891, 0.3041,
0.3021

68.5897, 0.3976,
0.5123

81.7691, 0.3059,
0.3022

68.1108, 0.3985,
0.5194

82.2563, 0.3077,
0.3024

67.8738, 0.3982,
0.5220

82.7506, 0.3096,
0.3025

Harmonies

Analogous

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



75.2742, 0.3470, 0.3606



75.2742, 0.3315, 0.3651



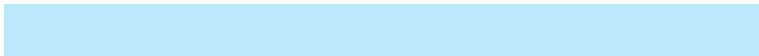
75.2742, 0.3113, 0.3593

Triad

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



75.2742, 0.3315, 0.3651



75.2742, 0.2738, 0.3082



75.2742, 0.3333, 0.3141

Complementary

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



75.2742, 0.3315, 0.3651



56.7613, 0.2923, 0.2909

Split Complementary

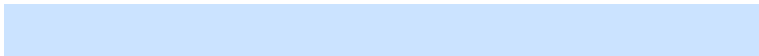
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2742, 0.3131, 0.3011



75.2742, 0.3315, 0.3651



75.2742, 0.2792, 0.2974

Square

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



75.2742, 0.3315, 0.3651



75.2742, 0.2784, 0.3254



75.2742, 0.2933, 0.2950



75.2742, 0.3482, 0.3309

Rectangle

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



75.2742, 0.3315, 0.3651



75.2742, 0.2980, 0.3501



75.2742, 0.2933, 0.2950



75.2742, 0.3269, 0.3092

Sweetspot

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



75.2775, 0.3315, 0.3651



99.1306, 0.3179, 0.3388



61.2078, 0.3389, 0.3334



21.1839, 0.3188, 0.3407



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.



75.2775, 0.3315, 0.3651



96.5492, 0.3350, 0.3719



72.7792, 0.3197, 0.3664



16.7255, 0.3249, 0.3523



39.2313, 0.3986, 0.5217



2.9238, 0.4018, 0.5192

Inverse Universe

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



56.7613, 0.2923, 0.2909



68.8557, 0.2882, 0.2832



59.1280, 0.3047, 0.2922



13.9690, 0.2999, 0.3048



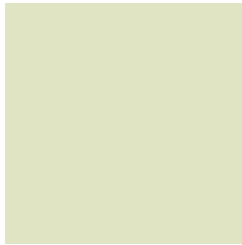
3.3969, 0.1545, 0.0624



0.2782, 0.1642, 0.0678

Previews

White Background



This preview shows how the Yxy color 75.2742, 0.3315, 0.3651 looks on a white background.

Color Contrast Check

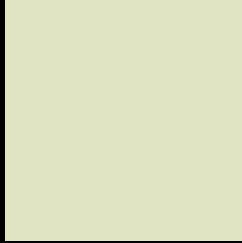
Large Text (above 18pt) WCAG AA × Fail

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 75.2742, 0.3315, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

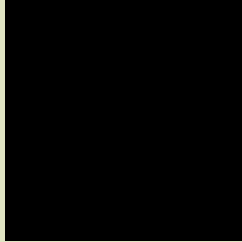
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

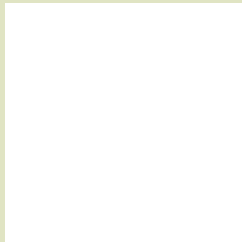
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2742, 0.3315, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 75.2742, 0.3315, 0.3651.

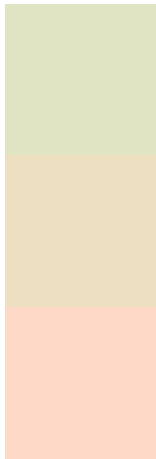


This preview shows how white text looks on a background with the Yxy color 75.2742, 0.3315, 0.3651.

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

75.2742, 0.3315, 0.3651

Protanopia

74.9944, 0.3423, 0.3622

Deuteranopia

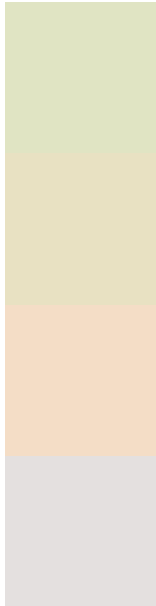
75.0092, 0.3538, 0.3475



Tritanopia

75.2975, 0.3073, 0.3113

Trichromacy



Original Color

75.2742, 0.3315, 0.3651

Protanomaly

74.9013, 0.3384, 0.3624

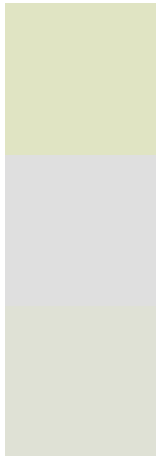
Deuteranomaly

75.0232, 0.3453, 0.3532

Tritanomaly

75.1330, 0.3162, 0.3301

Monochromacy



Original Color

75.2742, 0.3315, 0.3651

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.3425, 0.3191, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2742, 0.3315, 0.3651 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, 228, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 228, 195)  
}
```

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, 228, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 228, 195) }
```

Border

The CSS property to change the border of an element to Yxy 75.2742, 0.3315, 0.3651 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, 228, 195) }
```

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

```
.border{ border-color:rgb(224, 228, 195) }
```

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

Here you see how a box with a 4 pixel rgb(224, 228, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 228, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 228, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 228,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2742, 0.3315, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 228, 195) }
```

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

```
.background{ background-color: rgb(224,  
228, 195) }
```

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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