

Converting Colors

$Yxy(75.5443, 0.3310, 0.3552)$

Have a look what the booklet for
Yxy(75.5443, 0.3310, 0.3552)
contains.

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Color

Yxy(75.3150, 0.3307, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	E5E2CA
RGB	229, 226, 202
RGB Percent	90%, 89%, 79%
CMY	0.1018, 0.1137, 0.2078
CMYK	0.00, 0.01, 0.12, 0.10
HSL	53°, 34%, 85%
HSV	53°, 12%, 90%
XYZ	70.1794, 75.3150, 66.7203
YIQ	224.1610, 9.4920, -6.8280

Conversions

Conversions Part 2

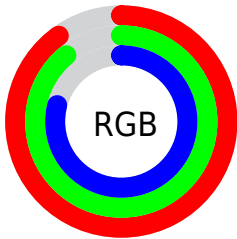
Format	Color
RYB	205, 229, 202
Decimal	15065802
CIELab	89.54, -3.00, 12.09
CIELCh	90, 12.457, 103.919
Yxy	75.3150, 0.3307, 0.3549
Android (android.graphics.Color)	4293255882 (0xFFE5E2CA)
YUV	224.1610, -10.9254, 4.2438
Hunter-Lab	86.7842, -7.5256, 15.1664

Details

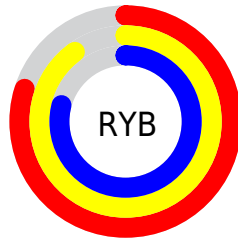
The Yxy color **75.3150, 0.3307, 0.3549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9048, 0.2941, 0.3017**, and the grayscale version is **74.7425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1482, 0.3343, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **72.9207, 0.3467, 0.3776**, and if you desaturate by 10%, it is **77.8981, 0.3154, 0.3329**.

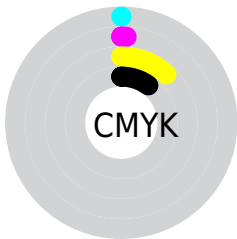
Distribution



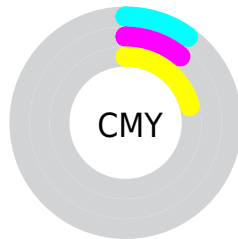
- Red (90%)
- Green (89%)
- Blue (79%)



- Red (80%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (10%)





- Cyan (10%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3150, 0.3307, 0.3549 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 75.3150, 0.3307, 0.3549 by changing the saturation by 10% instead.


 75.3150, 0.3307,
0.3549

 75.3150, 0.3307,
0.3549


478.9996, 0.3225,
0.3429

 55.8710, 0.3326,
0.3576


126.7582, 0.3279,
0.3507

 40.0995, 0.3348,
0.3610


159.5261, 0.3267,
0.3491

 27.6161, 0.3377,
0.3653


197.5041, 0.3258,
0.3477

 18.0365, 0.3415,
0.3709

241.0767, 0.3250,
0.3465

 10.9762, 0.3465,
0.3786

290.6281, 0.3242,
0.3454

 6.0508, 0.3536,
0.3896

346.5428, 0.3236,

 2.8760, 0.3643,

0.3445

0.4067

409.2051, 0.3230,
0.3437

■ 1.0673, 0.4050,
0.4629

■ 0.0000, 0.0000,
0.0000

■ 75.3150, 0.3307,
0.3549

■ 75.3150, 0.3307,
0.3549

■ 72.9207, 0.3467,
0.3776

■ 77.8981, 0.3154,
0.3329

■ 70.6980, 0.3632,
0.4002

■ 80.6666, 0.3010,
0.3119

■ 68.6426, 0.3794,
0.4220

■ 82.5761, 0.2968,
0.3074

■ 66.7462, 0.3950,
0.4421

■ 84.0529, 0.2968,
0.3100

64.9995, 0.4091,
0.4594

85.5511, 0.2968,
0.3127

63.3925, 0.4211,
0.4730

87.0709, 0.2968,
0.3153

61.9133, 0.4306,
0.4822

88.6123, 0.2969,
0.3179

60.5478, 0.4372,
0.4870

90.1754, 0.2969,
0.3206

59.4944, 0.4409,
0.4881

91.7603, 0.2969,
0.3232

Harmonies

Analogous

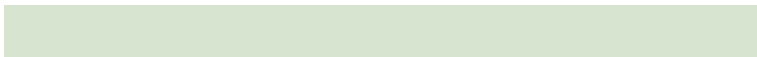
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3150, 0.3399, 0.3496



75.3150, 0.3307, 0.3549



75.3150, 0.3168, 0.3530

Triad

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



75.3150, 0.3307, 0.3549



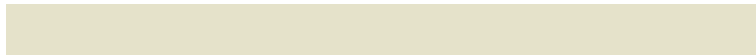
75.3150, 0.2845, 0.3178



75.3150, 0.3232, 0.3145

Complementary

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



75.3150, 0.3307, 0.3549



61.9048, 0.2941, 0.3017

Split Complementary

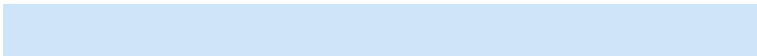
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3150, 0.3081, 0.3064



75.3150, 0.3307, 0.3549



75.3150, 0.2861, 0.3080

Square

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



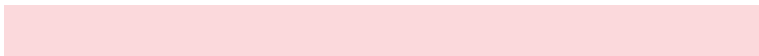
75.3150, 0.3307, 0.3549



75.3150, 0.2903, 0.3311



75.3150, 0.2946, 0.3040



75.3150, 0.3356, 0.3263

Rectangle

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



75.3150, 0.3307, 0.3549



75.3150, 0.3067, 0.3478



75.3150, 0.2946, 0.3040



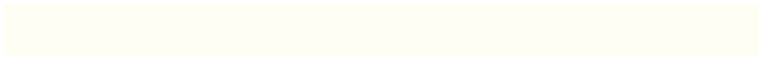
75.3150, 0.3182, 0.3113

Sweetspot

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



75.3183, 0.3307, 0.3549



98.6298, 0.3187, 0.3377



63.3252, 0.3316, 0.3256



21.0566, 0.3199, 0.3393



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.



75.3183, 0.3307, 0.3549



95.3726, 0.3343, 0.3600



75.3338, 0.3229, 0.3587



16.5254, 0.3270, 0.3497



34.1158, 0.4405, 0.4884



2.6003, 0.4370, 0.4912

Inverse Universe

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



61.9048, 0.2941, 0.3017



75.2728, 0.2903, 0.2959



61.9568, 0.3016, 0.2989



14.1471, 0.2980, 0.3075



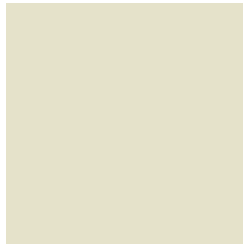
3.7382, 0.1523, 0.0683



0.3637, 0.1575, 0.0868

Previews

White Background



This preview shows how the Yxy color 75.3150, 0.3307, 0.3549 looks on a white background.

Color Contrast Check

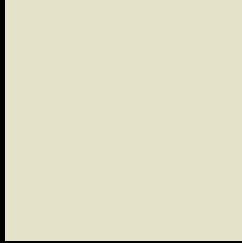
Large Text (above 18pt) WCAG AA × Fail

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 75.3150, 0.3307, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

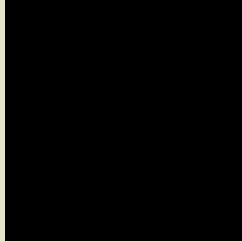
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

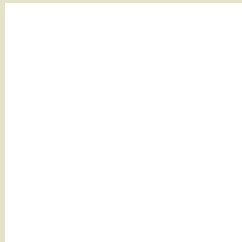
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3150, 0.3307, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 75.3150, 0.3307, 0.3549.

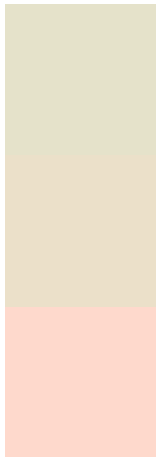


This preview shows how white text looks on a background with the Yxy color 75.3150, 0.3307, 0.3549.

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

75.3150, 0.3307, 0.3549

Protanopia

75.1905, 0.3360, 0.3536

Deuteranopia

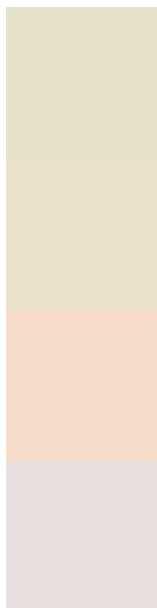
75.0562, 0.3494, 0.3424



Tritanopia

75.3784, 0.3107, 0.3114

Trichromacy



Original Color

75.3150, 0.3307, 0.3549

Protanomaly

75.3911, 0.3344, 0.3547

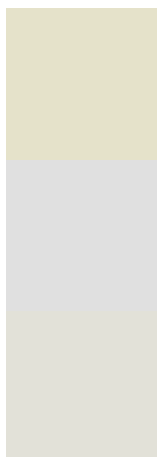
Deuteranomaly

74.9107, 0.3427, 0.3468

Tritanomaly

75.3674, 0.3178, 0.3269

Monochromacy



Original Color

75.3150, 0.3307, 0.3549

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9770, 0.3193, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3150, 0.3307, 0.3549 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(229, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 202)  
}
```

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(229, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.3150, 0.3307, 0.3549 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(229, 226, 202) }
```

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

```
.border{ border-color:rgb(229, 226, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 226, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 226, 202); box-shadow:4px 4px 4px 4px rgb(229, 226, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3150, 0.3307, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 202) }
```

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

```
.background{ background-color: rgb(229,  
226, 202) }
```

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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