

Converting Colors

$Y_{xy}(75.2582, 0.3321, 0.3611)$

Have a look what the booklet for
Yxy(75.2582, 0.3321, 0.3611)
contains.

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Color

Yxy(75.3003, 0.3324, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	E3E3C5
RGB	227, 227, 197
RGB Percent	89%, 89%, 77%
CMY	0.1099, 0.1097, 0.2274
CMYK	0.00, 0.00, 0.13, 0.11
HSL	60°, 35%, 83%
HSV	60°, 13%, 89%
XYZ	69.2196, 75.3003, 63.7220
YIQ	223.5800, 9.6300, -9.3300

Conversions

Conversions Part 2

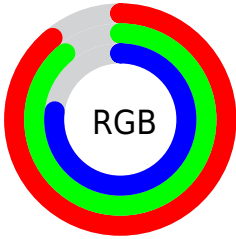
Format	Color
RYB	197, 227, 197
Decimal	14934981
CIELab	89.53, -5.04, 14.66
CIELCh	90, 15.504, 108.957
Yxy	75.3003, 0.3324, 0.3616
Android (android.graphics.Color)	4293125061 (0xFFE3E3C5)
YUV	223.5800, -13.1039, 2.9993
Hunter-Lab	86.7757, -9.4709, 17.2046

Details

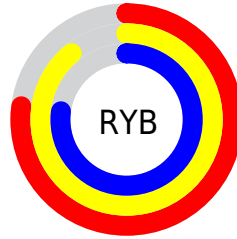
The Yxy color **75.3003, 0.3324, 0.3616** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.3694, 0.2917, 0.2942**, and the grayscale version is **74.3158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **40.1461, 0.3366, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **74.3341, 0.3476, 0.3868**, and if you desaturate by 10%, it is **76.4299, 0.3174, 0.3368**.

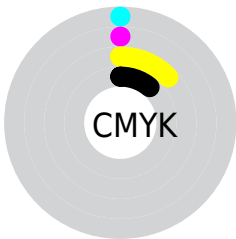
Distribution



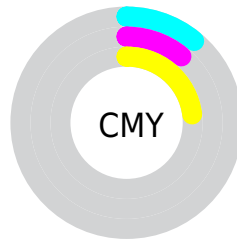
- Red (89%)
- Green (89%)
- Blue (77%)



- Red (77%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3003, 0.3324, 0.3616 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 75.3003, 0.3324, 0.3616 by changing the saturation by 10% instead.

■ 75.3003, 0.3324,
0.3616

■ 75.3003, 0.3324,
0.3616

478.9491, 0.3234,
0.3465

■ 55.8589, 0.3344,
0.3651

126.7374, 0.3293,
0.3563

■ 40.0898, 0.3369,
0.3694

159.5018, 0.3281,
0.3543

■ 27.6086, 0.3400,
0.3748

197.4762, 0.3271,
0.3525

■ 18.0308, 0.3440,
0.3820

241.0447, 0.3262,
0.3510

■ 10.9721, 0.3493,
0.3917

290.5919, 0.3253,
0.3497

■ 6.0481, 0.3567,
0.4057

346.5021, 0.3246,

■ 2.8743, 0.3676,

0.3485

0.4275

409.1597, 0.3240,
0.3474

■ 1.0665, 0.4252,
0.5149

■ 0.0000, 0.0000,
0.0000

■ 75.3003, 0.3324,
0.3616

■ 75.3003, 0.3324,
0.3616

■ 74.3341, 0.3476,
0.3868

■ 76.4299, 0.3174,
0.3368

■ 73.5143, 0.3626,
0.4116

■ 77.7194, 0.3030,
0.3129

■ 72.8367, 0.3768,
0.4352


■ 78.5088, 0.2954,
0.3003

■ 72.2932, 0.3896,
0.4564


■ 78.5146, 0.2954,
0.3003


 71.8748, 0.4004,
0.4744


 78.5204, 0.2954,
0.3003


 71.5714, 0.4089,
0.4884


 78.5263, 0.2955,
0.3003


 71.3713, 0.4147,
0.4981

 78.5321, 0.2955,
0.3003

 71.2605, 0.4179,
0.5036

 78.5379, 0.2955,
0.3003

 71.2209, 0.4190,
0.5055

 78.5438, 0.2955,
0.3003

Harmonies

Analogous

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



75.3003, 0.3453, 0.3562



75.3003, 0.3324, 0.3616



75.3003, 0.3145, 0.3578

Triad

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



75.3003, 0.3324, 0.3616



75.3003, 0.2775, 0.3124



75.3003, 0.3286, 0.3133

Complementary

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



75.3003, 0.3324, 0.3616



57.3694, 0.2917, 0.2942

Split Complementary

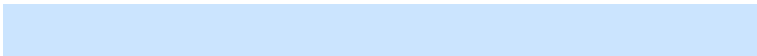
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3003, 0.3101, 0.3023



75.3003, 0.3324, 0.3616



75.3003, 0.2809, 0.3014

Square

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



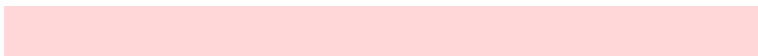
75.3003, 0.3324, 0.3616



75.3003, 0.2831, 0.3286



75.3003, 0.2927, 0.2980



75.3003, 0.3432, 0.3283

Rectangle

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



75.3003, 0.3324, 0.3616



75.3003, 0.3022, 0.3503



75.3003, 0.2927, 0.2980



75.3003, 0.3227, 0.3090

Sweetspot

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



75.3036, 0.3324, 0.3616



99.3573, 0.3186, 0.3388



60.3083, 0.3369, 0.3291



21.2415, 0.3197, 0.3406



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.



75.3036, 0.3324, 0.3616



97.6331, 0.3368, 0.3689



72.9779, 0.3216, 0.3627



16.8160, 0.3267, 0.3522



41.5310, 0.4190, 0.5055



3.0694, 0.4191, 0.5054

Inverse Universe

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



57.3694, 0.2917, 0.2942



69.7504, 0.2866, 0.2858



59.4894, 0.3028, 0.2953



13.8883, 0.2980, 0.3047



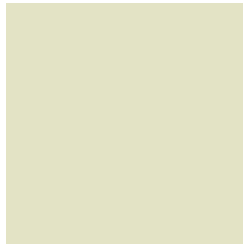
3.2363, 0.1501, 0.0600



0.2395, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 75.3003, 0.3324, 0.3616 looks on a white background.

Color Contrast Check

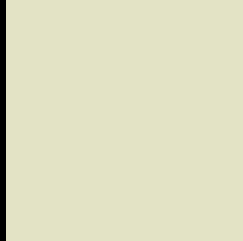
Large Text (above 18pt) WCAG AA × Fail

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 75.3003, 0.3324, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

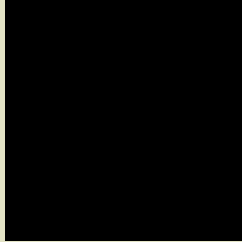
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

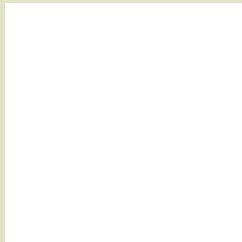
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3003, 0.3324, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 75.3003, 0.3324, 0.3616.

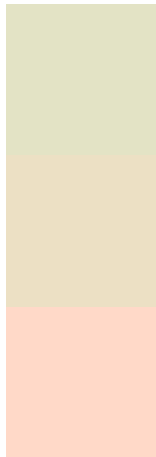


This preview shows how white text looks on a background with the Yxy color 75.3003, 0.3324, 0.3616.

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

75.3003, 0.3324, 0.3616

Protanopia

75.1297, 0.3402, 0.3589

Deuteranopia

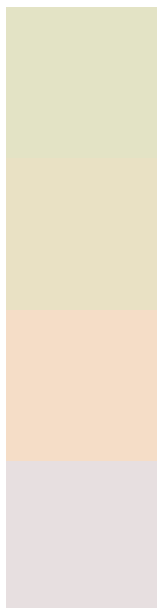
75.0558, 0.3530, 0.3465



Tritanopia

75.2685, 0.3094, 0.3103

Trichromacy



Original Color

75.3003, 0.3324, 0.3616

Protanomaly

75.1596, 0.3378, 0.3602

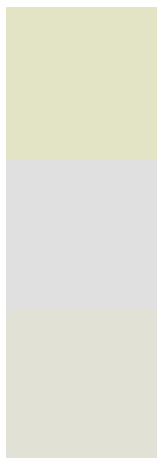
Deuteranomaly

75.2489, 0.3454, 0.3521

Tritanomaly

75.1461, 0.3177, 0.3280

Monochromacy



Original Color

75.3003, 0.3324, 0.3616

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7130, 0.3199, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3003, 0.3324, 0.3616 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(227, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 197)  
}
```

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(227, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.3003, 0.3324, 0.3616 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(227, 227, 197) }
```

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

```
.border{ border-color:rgb(227, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 227, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 227, 197); box-shadow:4px 4px 4px 4px rgb(227, 227, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3003, 0.3324, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 197) }
```

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

```
.background{ background-color: rgb(227,  
227, 197) }
```

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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