

Converting Colors

$Yxy(75.2038, 0.3289, 0.3637)$

Have a look what the booklet for
Yxy(75.2038, 0.3289, 0.3637)
contains.

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Color

Yxy(75.0476, 0.3287, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	DEE4C5
RGB	222, 228, 197
RGB Percent	87%, 89%, 77%
CMY	0.1293, 0.1059, 0.2274
CMYK	0.03, 0.00, 0.14, 0.11
HSL	72°, 36%, 83%
HSV	72°, 14%, 89%
XYZ	67.9563, 75.0476, 63.7388
YIQ	222.6720, 6.3750, -10.9130

Conversions

Conversions Part 2

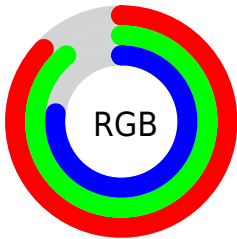
Format	Color
RYB	197, 228, 203
Decimal	14607557
CIELab	89.42, -7.28, 14.44
CIELCh	89, 16.176, 116.750
Yxy	75.0476, 0.3287, 0.3630
Android (android.graphics.Color)	4292797637 (0xFFDEE4C5)
YUV	222.6720, -12.6563, -0.5893
Hunter-Lab	86.6300, -11.5794, 17.0179

Details

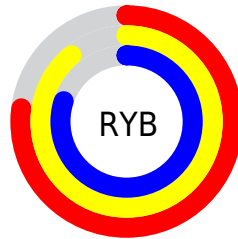
The Yxy color **75.0476, 0.3287, 0.3630** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.2358, 0.2954, 0.2936**, and the grayscale version is **73.6417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **40.0858, 0.3326, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **73.4002, 0.3406, 0.3893**, and if you desaturate by 10%, it is **76.8776, 0.3169, 0.3377**.

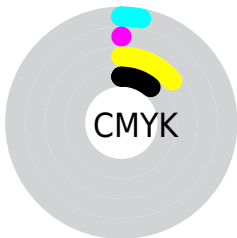
Distribution



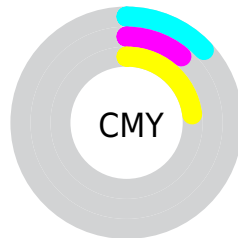
- Red (87%)
- Green (89%)
- Blue (77%)



- Red (77%)
- Yellow (89%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)





- Cyan (13%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0476, 0.3287, 0.3630 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 75.0476, 0.3287, 0.3630 by changing the saturation by 10% instead.


 75.0476, 0.3287,
0.3630

 75.0476, 0.3287,
0.3630


478.0812, 0.3215,
0.3471

 55.6519, 0.3303,
0.3667


126.3797, 0.3262,
0.3575

 39.9239, 0.3323,
0.3712


159.0850, 0.3252,
0.3553

 27.4792, 0.3348,
0.3770


196.9955, 0.3244,
0.3535

 17.9334, 0.3379,
0.3845

240.4957, 0.3237,
0.3519

 10.9022, 0.3421,
0.3949

289.9699, 0.3230,
0.3505

 6.0011, 0.3478,
0.4100

345.8027, 0.3224,

 2.8458, 0.3561,

0.3492

0.4338

408.3783, 0.3219,
0.3481

■ 1.0517, 0.4086,
0.5286

■ 0.0000, 0.0000,
0.0000

■ 75.0476, 0.3287,
0.3630

■ 75.0476, 0.3287,
0.3630

■ 73.4002, 0.3406,
0.3893

■ 76.8776, 0.3169,
0.3377

■ 71.9184, 0.3521,
0.4159

■ 78.8871, 0.3054,
0.3139

■ 70.5977, 0.3627,
0.4419

■ 80.3965, 0.3007,
0.3018

■ 69.4297, 0.3720,
0.4664

■ 81.1524, 0.3036,
0.3020

■ 68.4051, 0.3793,
0.4881

■ 81.9268, 0.3065,
0.3023

■ 67.5136, 0.3842,
0.5061

■ 82.7198, 0.3094,
0.3025

■ 66.7431, 0.3866,
0.5196

■ 83.5315, 0.3124,
0.3027

■ 66.0792, 0.3864,
0.5285

■ 83.9628, 0.3139,
0.3029

■ 65.6947, 0.3853,
0.5323

Harmonies

Analogous

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



75.0476, 0.3440, 0.3597



75.0476, 0.3287, 0.3630



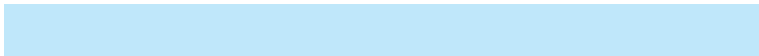
75.0476, 0.3095, 0.3565

Triad

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



75.0476, 0.3287, 0.3630



75.0476, 0.2760, 0.3080



75.0476, 0.3339, 0.3164

Complementary

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



75.0476, 0.3287, 0.3630



58.2358, 0.2954, 0.2936

Split Complementary

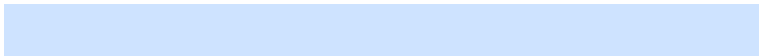
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0476, 0.3151, 0.3036



75.0476, 0.3287, 0.3630



75.0476, 0.2820, 0.2985

Square

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



75.0476, 0.3287, 0.3630



75.0476, 0.2794, 0.3239



75.0476, 0.2961, 0.2970



75.0476, 0.3472, 0.3325

Rectangle

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



75.0476, 0.3287, 0.3630



75.0476, 0.2970, 0.3474



75.0476, 0.2961, 0.2970



75.0476, 0.3280, 0.3116

Sweetspot

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



75.0509, 0.3287, 0.3630



98.9905, 0.3174, 0.3388



63.0948, 0.3368, 0.3354



21.1483, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



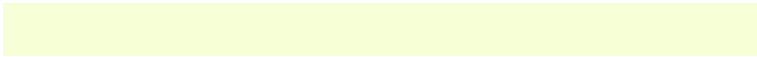
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0509, 0.3287, 0.3630



96.1883, 0.3317, 0.3695



72.7557, 0.3179, 0.3642



16.6699, 0.3238, 0.3524



37.9869, 0.3858, 0.5319



2.8432, 0.3910, 0.5278

Inverse Universe

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



58.2358, 0.2954, 0.2936



70.9506, 0.2918, 0.2864



60.4770, 0.3068, 0.2948



14.0198, 0.3010, 0.3049



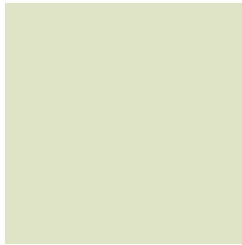
3.5798, 0.1593, 0.0651



0.3023, 0.1725, 0.0724

Previews

White Background



This preview shows how the Yxy color 75.0476, 0.3287, 0.3630 looks on a white background.

Color Contrast Check

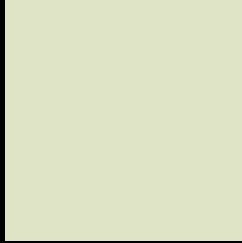
Large Text (above 18pt) WCAG AA × Fail

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 75.0476, 0.3287, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

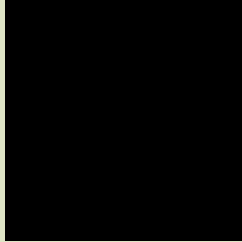
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

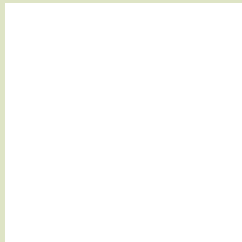
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0476, 0.3287, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 75.0476, 0.3287, 0.3630.

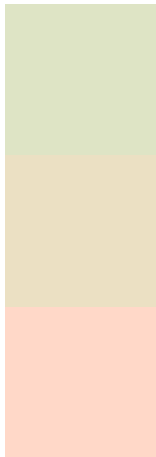


This preview shows how white text looks on a background with the Yxy color 75.0476, 0.3287, 0.3630.

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

75.0476, 0.3287, 0.3630

Protanopia

74.9136, 0.3402, 0.3601

Deuteranopia

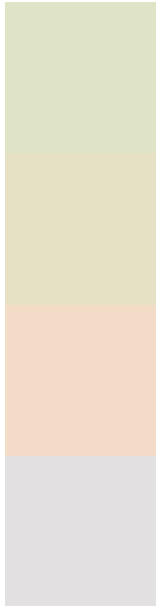
74.5419, 0.3532, 0.3455



Tritanopia

74.9685, 0.3059, 0.3112

Trichromacy



Original Color

75.0476, 0.3287, 0.3630

Protanomaly

74.6589, 0.3356, 0.3604

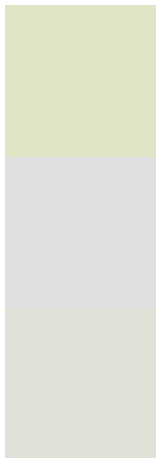
Deuteranomaly

74.3646, 0.3441, 0.3511

Tritanomaly

74.8619, 0.3141, 0.3290

Monochromacy



Original Color

75.0476, 0.3287, 0.3630

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.3934, 0.3185, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0476, 0.3287, 0.3630 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(222, 228, 197)` looks like.

```
.text, #text, p{  
    color:rgb(222, 228, 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(222, 228, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 228, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.0476, 0.3287, 0.3630 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(222, 228, 197) }
```

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

```
.border{ border-color:rgb(222, 228, 197) }
```

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

Here you see how a box with a 4 pixel rgb(222, 228, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 228, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 228, 197);  
box-shadow:4px 4px 4px 4px rgb(222, 228,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0476, 0.3287, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 228, 197) }
```

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

```
.background{ background-color: rgb(222,  
228, 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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