

Converting Colors

$Yxy(75.4895, 0.3171, 0.3568)$

Have a look what the booklet for
Yxy(75.4895, 0.3171, 0.3568)
contains.

Yxy(75.2975, 0.3176, 0.3567)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.2975, 0.3176, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	D6E6CD
RGB	214, 230, 205
RGB Percent	84%, 90%, 80%
CMY	0.1608, 0.0980, 0.1961
CMYK	0.07, 0.00, 0.11, 0.10
HSL	98°, 33%, 85%
HSV	98°, 11%, 90%
XYZ	67.0437, 75.2975, 68.7536
YIQ	222.3660, -1.5110, -11.1670

Conversions

Conversions Part 2

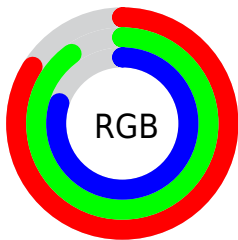
Format	Color
R _Y B	205, 230, 221
Decimal	14083789
CIE Lab	89.53, -9.79, 10.37
CIE LCh	90, 14.264, 133.370
Yxy	75.2975, 0.3176, 0.3567
Android (android.graphics.Color)	4292273869 (0xFFD6E6CD)
YUV	222.3660, -8.5614, -7.3370
Hunter-Lab	86.7741, -13.9415, 13.7648

Details

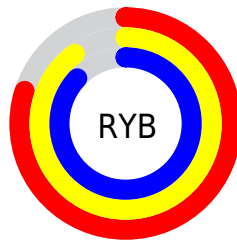
The Yxy color **75.2975, 0.3176, 0.3567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7492, 0.3073, 0.3017**, and the grayscale version is **73.3815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2652, 0.3182, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **72.1529, 0.3219, 0.3848**, and if you desaturate by 10%, it is **78.8124, 0.3131, 0.3311**.

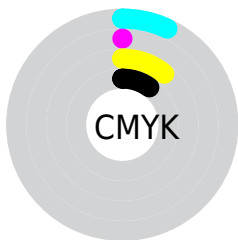
Distribution



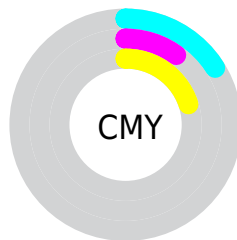
- Red (84%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2975, 0.3176, 0.3567 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 75.2975, 0.3176, 0.3567 by changing the saturation by 10% instead.

■ 75.2975, 0.3176,
0.3567

■ 75.2975, 0.3176,
0.3567

478.9395, 0.3155,
0.3437

■ 55.8566, 0.3181,
0.3597

126.7334, 0.3169,
0.3522

■ 40.0880, 0.3186,
0.3634

159.4972, 0.3166,
0.3504

■ 27.6072, 0.3193,
0.3682

197.4708, 0.3163,
0.3489

■ 18.0297, 0.3201,
0.3744

241.0386, 0.3161,
0.3476

■ 10.9713, 0.3212,
0.3831

290.5850, 0.3159,
0.3465

■ 6.0476, 0.3226,
0.3957

346.4943, 0.3158,

■ 2.8740, 0.3243,

0.3455

0.4160

409.1510, 0.3156,
0.3446

■ 1.0663, 0.3389,
0.4730

■ 0.0000, 0.0000,
0.0000

■ 75.2975, 0.3176,
0.3567

■ 75.2975, 0.3176,
0.3567

■ 72.1529, 0.3219,
0.3848

■ 78.8124, 0.3131,
0.3311

■ 69.3565, 0.3258,
0.4150

■ 82.6997, 0.3086,
0.3081

■ 66.8984, 0.3290,
0.4467

■ 85.0793, 0.3138,
0.3049

■ 64.7646, 0.3311,
0.4786

■ 62.9400, 0.3318,
0.5092

■ 61.4080, 0.3308,
0.5366

■ 60.1504, 0.3281,
0.5592

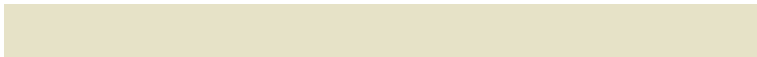
■ 59.1461, 0.3237,
0.5754

■ 58.4231, 0.3188,
0.5851

Harmonies

Analogous

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



75.2975, 0.3335, 0.3587



75.2975, 0.3176, 0.3567



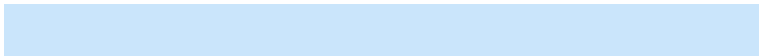
75.2975, 0.3007, 0.3467

Triad

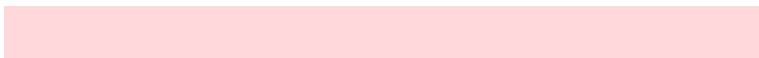
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2975, 0.3176, 0.3567



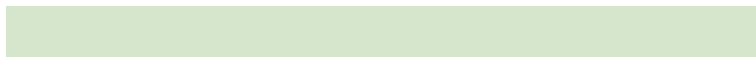
75.2975, 0.2822, 0.3050



75.2975, 0.3387, 0.3256

Complementary

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



75.2975, 0.3176, 0.3567



64.7492, 0.3073, 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.



75.2975, 0.3244, 0.3123



75.2975, 0.3176, 0.3567



75.2975, 0.2918, 0.3004

Square

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



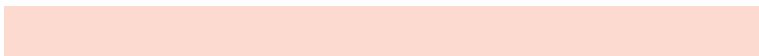
75.2975, 0.3176, 0.3567



75.2975, 0.2806, 0.3163



75.2975, 0.3071, 0.3031



75.2975, 0.3460, 0.3402

Rectangle

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



75.2975, 0.3176, 0.3567



75.2975, 0.2911, 0.3369



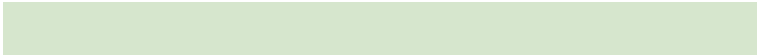
75.2975, 0.3071, 0.3031



75.2975, 0.3345, 0.3209

Sweetspot

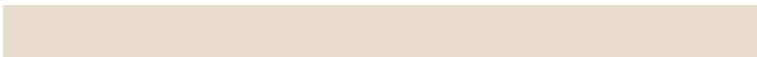
The Sweet Spot groups the original color and five complimentary colors.



75.3007, 0.3176, 0.3567



98.5994, 0.3141, 0.3364



72.8595, 0.3300, 0.3462



21.0258, 0.3144, 0.3384



0.0000, 0.0000, 0.0000



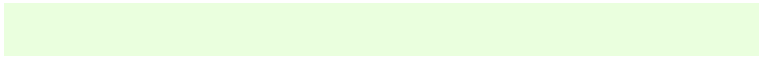
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3007, 0.3176, 0.3567



94.2384, 0.3186, 0.3627



74.1480, 0.3093, 0.3534



16.3399, 0.3170, 0.3529



33.1352, 0.3199, 0.5842



2.4994, 0.3313, 0.5752

Inverse Universe

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



64.7492, 0.3073, 0.3017



78.4529, 0.3061, 0.2960



66.0130, 0.3163, 0.3058



14.3426, 0.3081, 0.3054



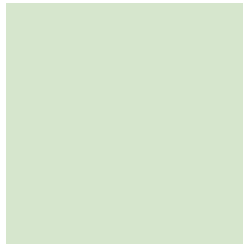
6.8352, 0.2325, 0.1055



0.5569, 0.2455, 0.1126

Previews

White Background



This preview shows how the Yxy color 75.2975, 0.3176, 0.3567 looks on a white background.

Color Contrast Check

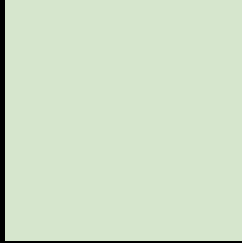
Large Text (above 18pt) WCAG AA × Fail

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 75.2975, 0.3176, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

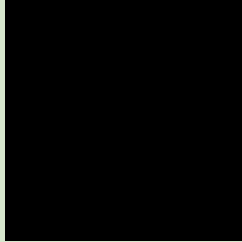
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

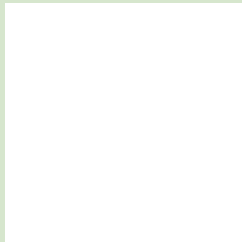
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2975, 0.3176, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 75.2975, 0.3176, 0.3567.

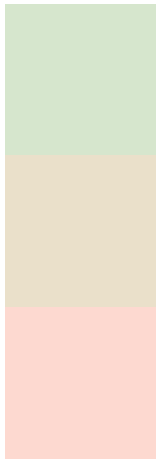


This preview shows how white text looks on a background with the Yxy color 75.2975, 0.3176, 0.3567.

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

75.2975, 0.3176, 0.3567

Protanopia

75.0680, 0.3346, 0.3526

Deuteranopia

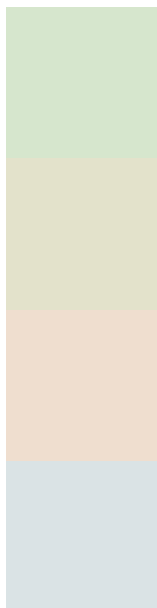
75.0624, 0.3457, 0.3383



Tritanopia

75.4769, 0.2986, 0.3110

Trichromacy



Original Color

75.2975, 0.3176, 0.3567

Protanomaly

75.0354, 0.3286, 0.3539

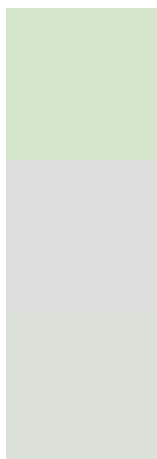
Deuteranomaly

75.0983, 0.3351, 0.3449

Tritanomaly

75.5007, 0.3053, 0.3268

Monochromacy



Original Color

75.2975, 0.3176, 0.3567

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.8684, 0.3144, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2975, 0.3176, 0.3567 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(214, 230, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 205)  
}
```

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(214, 230, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 205) }
```

Border

The CSS property to change the border of an element to Yxy 75.2975, 0.3176, 0.3567 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(214, 230, 205) }
```

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

```
.border{ border-color:rgb(214, 230, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2975, 0.3176, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 205) }
```

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

```
.background{ background-color: rgb(214,  
230, 205) }
```

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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