

Converting Colors

$Yxy(79.5371, 0.3216, 0.3683)$

Have a look what the booklet for
Yxy(79.5371, 0.3216, 0.3683)
contains.

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Color

Yxy(79.5371, 0.3216, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	D9EDC9
RGB	217, 237, 201
RGB Percent	85%, 93%, 79%
CMY	0.1489, 0.0706, 0.2116
CMYK	0.08, 0.00, 0.15, 0.07
HSL	93°, 50%, 86%
HSV	93°, 15%, 93%
XYZ	69.4519, 79.5371, 66.9684
YIQ	226.9160, -0.3640, -15.4360

Conversions

Conversions Part 2

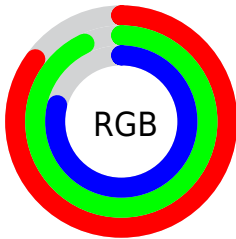
Format	Color
R_{YB}	201, 237, 221
Decimal	14282185
CIE Lab	91.48, -12.91, 15.22
CIE LCh	91, 19.958, 130.307
Yxy	79.5371, 0.3216, 0.3683
Android (android.graphics.Color)	4292472265 (0xFFD9EDC9)
YUV	226.9160, -12.7766, -8.6963
Hunter-Lab	89.1836, -17.0640, 17.9074

Details

The Yxy color **79.5371, 0.3216, 0.3683** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.2733, 0.3026, 0.2901**, and the grayscale version is **76.8535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8357, 0.3234, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **76.5730, 0.3272, 0.3969**, and if you desaturate by 10%, it is **82.8409, 0.3158, 0.3418**.

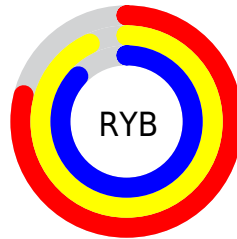
Distribution



Red (85%)

Green (93%)

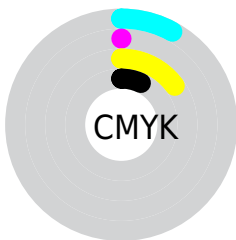
Blue (79%)



Red (79%)

Yellow (93%)

Blue (87%)

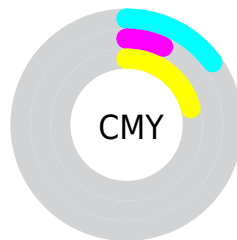


Cyan (8%)

Magenta (0%)

Yellow (15%)

Black (7%)



Cyan (15%)


Magenta (7%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5371, 0.3216, 0.3683 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 79.5371, 0.3216, 0.3683 by changing the saturation by 10% instead.


 79.5371, 0.3216,
0.3683

 79.5371, 0.3216,
0.3683


493.3715, 0.3178,
0.3500

 59.3375, 0.3224,
0.3725


132.7147, 0.3203,
0.3619

 42.8849, 0.3234,
0.3777


166.4615, 0.3198,
0.3595

 29.7948, 0.3245,
0.3843


205.4929, 0.3194,
0.3573

 19.6829, 0.3260,
0.3930

250.1932, 0.3190,
0.3555

 12.1647, 0.3278,
0.4049

300.9468, 0.3186,
0.3539

 6.8560, 0.3300,
0.4221

358.1381, 0.3183,

 3.3722, 0.3325,

0.3524

0.4491

422.1515, 0.3180,
0.3511

1.3290, 0.3515,
0.5228

0.1635, 0.0000,
1.0000

79.5371, 0.3216,
0.3683

79.5371, 0.3216,
0.3683

76.5730, 0.3272,
0.3969

82.8409, 0.3158,
0.3418

73.9267, 0.3322,
0.4271

86.4850, 0.3099,
0.3177

71.5892, 0.3363,
0.4580

89.0452, 0.3135,
0.3117

69.5474, 0.3391,
0.4883

■ 67.7868, 0.3401,
0.5165

■ 66.2915, 0.3391,
0.5408

■ 65.0436, 0.3360,
0.5599

■ 64.0218, 0.3311,
0.5728

■ 63.5957, 0.3284,
0.5775

Harmonies

Analogous

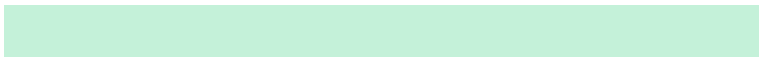
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5371, 0.3431, 0.3694



79.5371, 0.3216, 0.3683



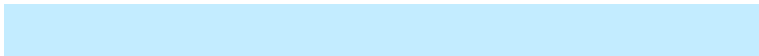
79.5371, 0.2983, 0.3554

Triad

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



79.5371, 0.3216, 0.3683



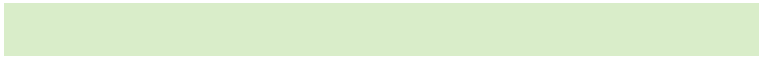
79.5371, 0.2704, 0.2972



79.5371, 0.3469, 0.3222

Complementary

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



79.5371, 0.3216, 0.3683



63.2733, 0.3026, 0.2901

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.



79.5371, 0.3262, 0.3046



79.5371, 0.3216, 0.3683



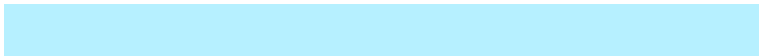
79.5371, 0.2823, 0.2902

Square

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



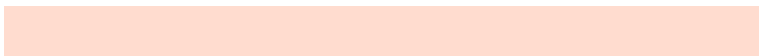
79.5371, 0.3216, 0.3683



79.5371, 0.2693, 0.3132



79.5371, 0.3025, 0.2931



79.5371, 0.3582, 0.3420

Rectangle

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



79.5371, 0.3216, 0.3683



79.5371, 0.2849, 0.3420



79.5371, 0.3025, 0.2931



79.5371, 0.3407, 0.3159

Sweetspot

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



79.5405, 0.3216, 0.3683



97.8882, 0.3157, 0.3414



73.8354, 0.3380, 0.3501



20.8903, 0.3161, 0.3432



0.0000, 0.0000, 0.0000



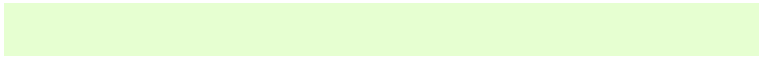
21.4041, 0.3127, 0.3290

Same Dimension

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



79.5405, 0.3216, 0.3683



92.8725, 0.3233, 0.3764



77.2908, 0.3097, 0.3675



17.1901, 0.3183, 0.3529



34.7979, 0.3295, 0.5765



2.7887, 0.3403, 0.5680

Inverse Universe

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



63.2733, 0.3026, 0.2901



70.4603, 0.3003, 0.2822



65.8012, 0.3158, 0.2933



14.9611, 0.3067, 0.3053



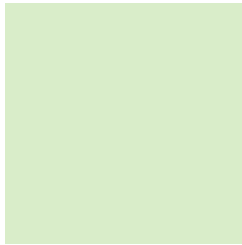
6.0758, 0.2136, 0.0950



0.5340, 0.2278, 0.1028

Previews

White Background



This preview shows how the Yxy color 79.5371, 0.3216, 0.3683 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 79.5371, 0.3216, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

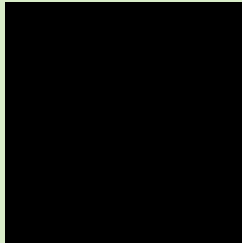
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

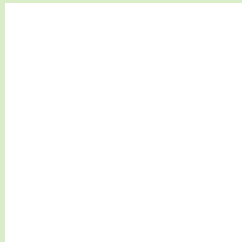
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5371, 0.3216, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 79.5371, 0.3216, 0.3683.

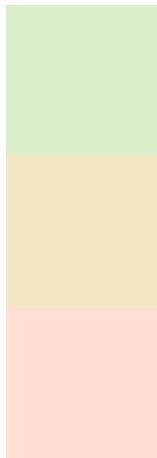


This preview shows how white text looks on a background with the Yxy color 79.5371, 0.3216, 0.3683.

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

79.5371, 0.3216, 0.3683

Protanopia

79.5021, 0.3429, 0.3635

Deuteranopia

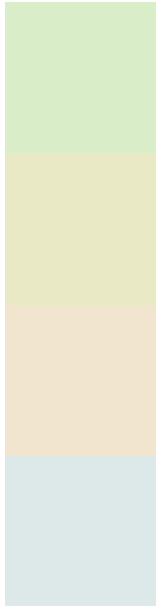
79.2745, 0.3438, 0.3422



Tritanopia

79.2805, 0.2970, 0.3093

Trichromacy



Original Color

79.5371, 0.3216, 0.3683

Protanomaly

79.6787, 0.3352, 0.3662

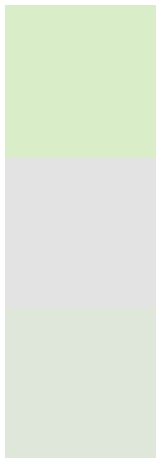
Deuteranomaly

79.2444, 0.3356, 0.3520

Tritanomaly

79.4762, 0.3053, 0.3300

Monochromacy



Original Color

79.5371, 0.3216, 0.3683

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.9018, 0.3155, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5371, 0.3216, 0.3683 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(217, 237, 201)` looks like.

```
.text, #text, p{  
    color:rgb(217, 237, 201)  
}
```

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(217, 237, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 237, 201) }
```

Border

The CSS property to change the border of an element to Yxy 79.5371, 0.3216, 0.3683 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(217, 237, 201) }
```

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

```
.border{ border-color:rgb(217, 237, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 237, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 237, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 237, 201);  
box-shadow:4px 4px 4px 4px rgb(217, 237,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5371, 0.3216, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 237, 201) }
```

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

```
.background{ background-color: rgb(217,  
237, 201) }
```

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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