

Converting Colors

$Yxy(76.2984, 0.3314, 0.3781)$

Have a look what the booklet for
Yxy(76.2984, 0.3314, 0.3781)
contains.

Yxy(76.2495, 0.3311, 0.3777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.2495, 0.3311, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	DAE8BC
RGB	218, 232, 188
RGB Percent	85%, 91%, 74%
CMY	0.1452, 0.0901, 0.2626
CMYK	0.06, 0.00, 0.19, 0.09
HSL	79°, 49%, 82%
HSV	79°, 19%, 91%
XYZ	66.8420, 76.2495, 58.7870
YIQ	222.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

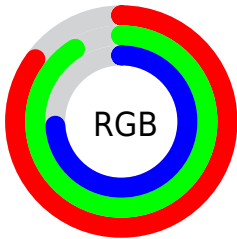
Format	Color
R _{YB}	188, 232, 202
Decimal	14346428
CIE Lab	89.98, -12.15, 19.86
CIE LCh	90, 23.282, 121.459
Yxy	76.2495, 0.3311, 0.3777
Android (android.graphics.Color)	4292536508 (0xFFDAE8BC)
YUV	222.7980, -17.1554, -4.2078
Hunter-Lab	87.3210, -16.1745, 21.2089

Details

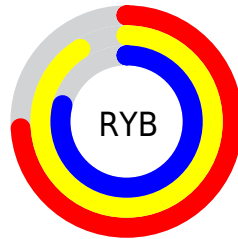
The Yxy color **76.2495, 0.3311, 0.3777** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.3729, 0.2917, 0.2786**, and the grayscale version is **73.7618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **40.5865, 0.3350, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **74.2144, 0.3406, 0.4052**, and if you desaturate by 10%, it is **78.5032, 0.3214, 0.3513**.

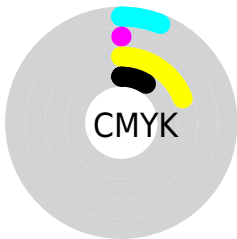
Distribution



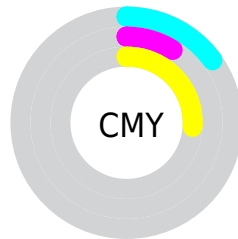
- Red (85%)
- Green (91%)
- Blue (74%)



- Red (74%)
- Yellow (91%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)




- Cyan (15%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2495, 0.3311, 0.3777 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 76.2495, 0.3311, 0.3777 by changing the saturation by 10% instead.


 76.2495, 0.3311,
0.3777

 76.2495, 0.3311,
0.3777

482.2014, 0.3229,
0.3549

 56.6371, 0.3329,
0.3830


 128.0795, 0.3283,
0.3697

 40.7140, 0.3350,
0.3895


161.0660, 0.3273,
0.3666

 28.0957, 0.3376,
0.3979


199.2792, 0.3263,
0.3640

 18.3978, 0.3409,
0.4088

243.1037, 0.3255,
0.3617

 11.2359, 0.3450,
0.4238

292.9237, 0.3247,
0.3597

 6.2258, 0.3503,
0.4455

349.1237, 0.3241,

 2.9828, 0.3567,


0.3579

0.4793


412.0882, 0.3235,
0.3563


 1.1228, 0.4014,
0.5986

 0.0000, 0.0000,
0.0000


 76.2495, 0.3311,
0.3777

 76.2495, 0.3311,
0.3777


 74.2144, 0.3406,
0.4052


 78.5032, 0.3214,
0.3513

 72.3796, 0.3494,
0.4331

 80.9733, 0.3117,
0.3265

 70.7394, 0.3571,
0.4605

 83.4998, 0.3040,
0.3061

 69.2840, 0.3630,
0.4860

 84.8245, 0.3088,
0.3065

■ 68.0028, 0.3669,
0.5084

■ 86.2004, 0.3138,
0.3068

■ 66.8833, 0.3683,
0.5268

■ 65.9114, 0.3671,
0.5402

■ 65.0653, 0.3637,
0.5489

■ 64.9815, 0.3633,
0.5497

Harmonies

Analogous

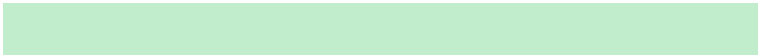
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2495, 0.3546, 0.3745



76.2495, 0.3311, 0.3777



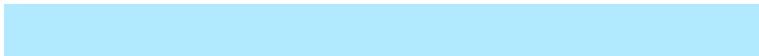
76.2495, 0.3034, 0.3663

Triad

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



76.2495, 0.3311, 0.3777



76.2495, 0.2612, 0.2959



76.2495, 0.3468, 0.3143

Complementary

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



76.2495, 0.3311, 0.3777



54.3729, 0.2917, 0.2786

Split Complementary

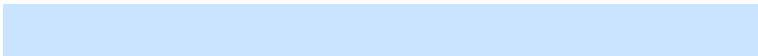
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2495, 0.3203, 0.2955



76.2495, 0.3311, 0.3777



76.2495, 0.2715, 0.2845

Square

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



76.2495, 0.3311, 0.3777



76.2495, 0.2638, 0.3172



76.2495, 0.2928, 0.2847



76.2495, 0.3641, 0.3372

Rectangle

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



76.2495, 0.3311, 0.3777



76.2495, 0.2864, 0.3519



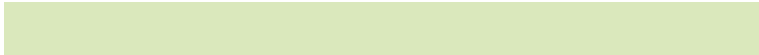
76.2495, 0.2928, 0.2847



76.2495, 0.3386, 0.3074

Sweetspot

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



76.2528, 0.3311, 0.3777



98.1385, 0.3185, 0.3439



63.0111, 0.3470, 0.3445



20.9636, 0.3192, 0.3455



0.0000, 0.0000, 0.0000



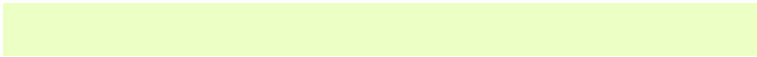
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2528, 0.3311, 0.3777



93.4007, 0.3351, 0.3891



73.1007, 0.3158, 0.3801



16.5744, 0.3219, 0.3526



36.1411, 0.3642, 0.5490



2.7200, 0.3724, 0.5425

Inverse Universe

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



54.3729, 0.2917, 0.2786



61.3171, 0.2863, 0.2664



57.6450, 0.3086, 0.2811



14.1094, 0.3030, 0.3051



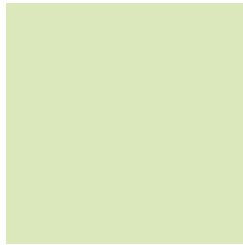
4.1044, 0.1729, 0.0726



0.3517, 0.1887, 0.0813

Previews

White Background



This preview shows how the Yxy color 76.2495, 0.3311, 0.3777 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 76.2495, 0.3311, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

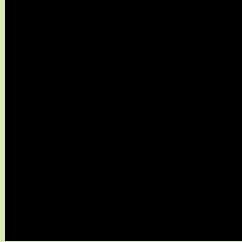
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

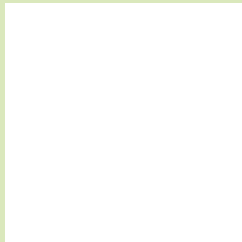
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2495, 0.3311, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 76.2495, 0.3311, 0.3777.

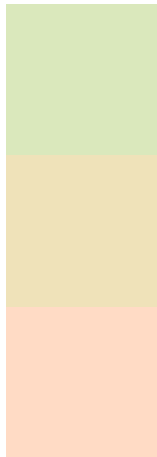


This preview shows how white text looks on a background with the Yxy color 76.2495, 0.3311, 0.3777.

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

76.2495, 0.3311, 0.3777

Protanopia

76.2462, 0.3496, 0.3726

Deuteranopia

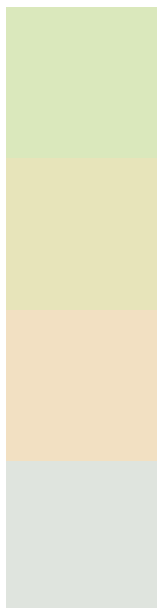
75.9543, 0.3548, 0.3516



Tritanopia

76.4300, 0.3026, 0.3112

Trichromacy



Original Color

76.2495, 0.3311, 0.3777

Protanomaly

76.0209, 0.3426, 0.3744

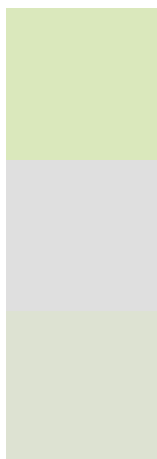
Deuteranomaly

76.0836, 0.3461, 0.3606

Tritanomaly

76.4487, 0.3131, 0.3354

Monochromacy



Original Color

76.2495, 0.3311, 0.3777

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.4180, 0.3196, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2495, 0.3311, 0.3777 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(218, 232, 188)` looks like.

```
.text, #text, p{  
    color:rgb(218, 232, 188)  
}
```

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(218, 232, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 232, 188) }
```

Border

The CSS property to change the border of an element to Yxy 76.2495, 0.3311, 0.3777 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(218, 232, 188) }
```

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

```
.border{ border-color:rgb(218, 232, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 232, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 232, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 232, 188); box-shadow:4px 4px 4px 4px rgb(218, 232, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2495, 0.3311, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 232, 188) }
```

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

```
.background{ background-color: rgb(218,  
232, 188) }
```

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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