

Converting Colors

$Yxy(77.6632, 0.3170, 0.3568)$

Have a look what the booklet for
Yxy(77.6632, 0.3170, 0.3568)
contains.

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Color

Yxy(77.4308, 0.3169, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	D8E9D0
RGB	216, 233, 208
RGB Percent	85%, 91%, 82%
CMY	0.1528, 0.0863, 0.1844
CMYK	0.07, 0.00, 0.11, 0.09
HSL	101°, 36%, 86%
HSV	101°, 11%, 91%
XYZ	68.8491, 77.4308, 70.9782
YIQ	225.0670, -2.1070, -11.3790

Conversions

Conversions Part 2

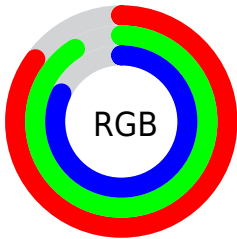
Format	Color
R _Y B	208, 233, 225
Decimal	14215632
CIE Lab	90.52, -10.09, 10.24
CIE LCh	91, 14.376, 134.580
Yxy	77.4308, 0.3169, 0.3564
Android (android.graphics.Color)	4292405712 (0xFFD8E9D0)
YUV	225.0670, -8.4140, -7.9518
Hunter-Lab	87.9948, -14.3284, 13.7719

Details

The Yxy color **77.4308, 0.3169, 0.3564** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.9836, 0.3080, 0.3021**, and the grayscale version is **75.4136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3544, 0.3173, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **74.0784, 0.3206, 0.3846**, and if you desaturate by 10%, it is **81.1896, 0.3130, 0.3308**.

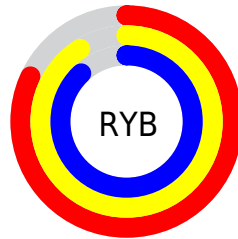
Distribution



Red (85%)

Green (91%)

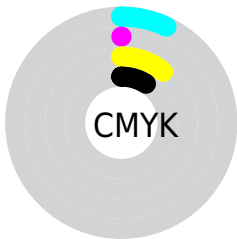
Blue (82%)



Red (82%)

Yellow (91%)

Blue (88%)

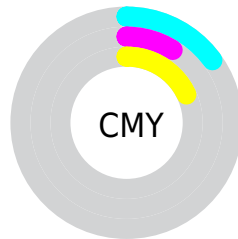


Cyan (7%)

Magenta (0%)

Yellow (11%)

Black (9%)



Cyan (15%)

Magenta (9%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.4308, 0.3169, 0.3564 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 77.4308, 0.3169, 0.3564 by changing the saturation by 10% instead.

■ 77.4308, 0.3169,
0.3564

■ 77.4308, 0.3169,
0.3564

486.2316, 0.3151,
0.3436

■ 57.6065, 0.3173,
0.3593

129.7474, 0.3163,
0.3520

■ 41.4924, 0.3177,
0.3630

163.0085, 0.3161,
0.3502

■ 28.7040, 0.3183,
0.3676

201.5174, 0.3158,
0.3488

■ 18.8570, 0.3190,
0.3737

245.6584, 0.3157,
0.3475

■ 11.5670, 0.3198,
0.3820

295.8159, 0.3155,
0.3463

■ 6.4496, 0.3209,
0.3942

352.3744, 0.3153,

■ 3.1203, 0.3222,

0.3453

415.7181, 0.3152,
0.3444

0.4135

1.1949, 0.3301,
0.4582

0.0575, 0.0000,
1.0000

77.4308, 0.3169,
0.3564

77.4308, 0.3169,
0.3564

74.0784, 0.3206,
0.3846

81.1896, 0.3130,
0.3308

71.1086, 0.3239,
0.4151

85.3580, 0.3091,
0.3078

68.5102, 0.3265,
0.4472

86.7562, 0.3137,
0.3078

66.2674, 0.3281,
0.4797

■ 64.3635, 0.3284,
0.5109

■ 62.7800, 0.3271,
0.5389

■ 61.4966, 0.3242,
0.5618

■ 60.4899, 0.3199,
0.5783

■ 59.7738, 0.3152,
0.5879

Harmonies

Analogous

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



77.4308, 0.3329, 0.3587



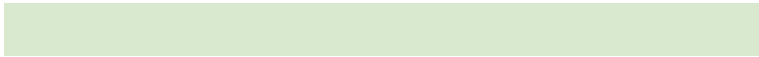
77.4308, 0.3169, 0.3564



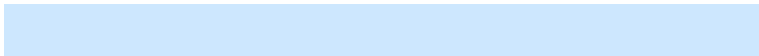
77.4308, 0.3001, 0.3461

Triad

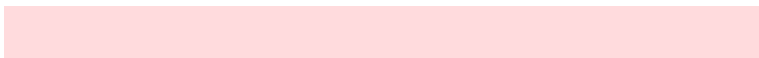
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4308, 0.3169, 0.3564



77.4308, 0.2825, 0.3048



77.4308, 0.3391, 0.3262

Complementary

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



77.4308, 0.3169, 0.3564



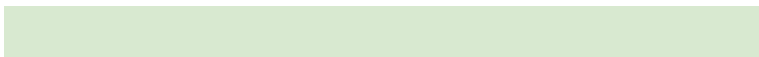
66.9836, 0.3080, 0.3021

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.



77.4308, 0.3250, 0.3128



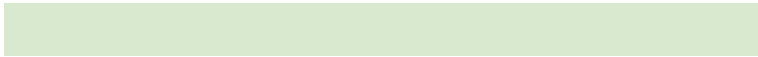
77.4308, 0.3169, 0.3564



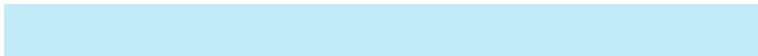
77.4308, 0.2923, 0.3004

Square

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



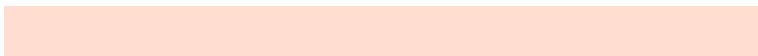
77.4308, 0.3169, 0.3564



77.4308, 0.2805, 0.3158



77.4308, 0.3078, 0.3034



77.4308, 0.3460, 0.3408

Rectangle

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



77.4308, 0.3169, 0.3564



77.4308, 0.2906, 0.3363



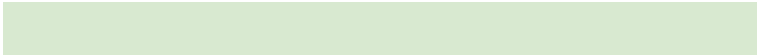
77.4308, 0.3078, 0.3034



77.4308, 0.3350, 0.3215

Sweetspot

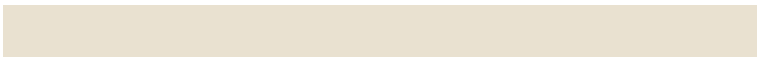
The Sweet Spot groups the original color and five complimentary colors.



77.4341, 0.3169, 0.3564



98.5467, 0.3139, 0.3364



75.5423, 0.3297, 0.3468



21.0116, 0.3142, 0.3384



0.0000, 0.0000, 0.0000



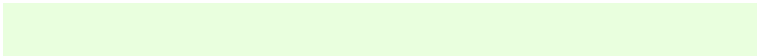
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4341, 0.3169, 0.3564



94.0300, 0.3178, 0.3627



76.4445, 0.3088, 0.3521



17.0976, 0.3164, 0.3530



33.9770, 0.3162, 0.5871



2.7181, 0.3267, 0.5788

Inverse Universe

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



66.9836, 0.3080, 0.3021



78.6739, 0.3069, 0.2961



68.0733, 0.3169, 0.3069



15.0565, 0.3086, 0.3054



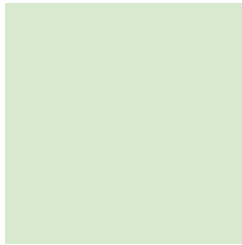
7.5299, 0.2411, 0.1102



0.6427, 0.2524, 0.1164

Previews

White Background



This preview shows how the Yxy color 77.4308, 0.3169, 0.3564 looks on a white background.

Color Contrast Check

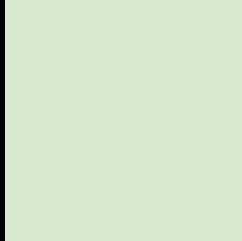
Large Text (above 18pt) WCAG AA × Fail

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 77.4308, 0.3169, 0.3564 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

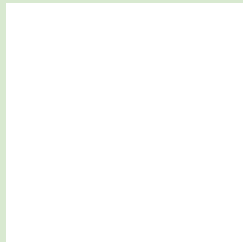
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.4308, 0.3169, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 77.4308, 0.3169, 0.3564.

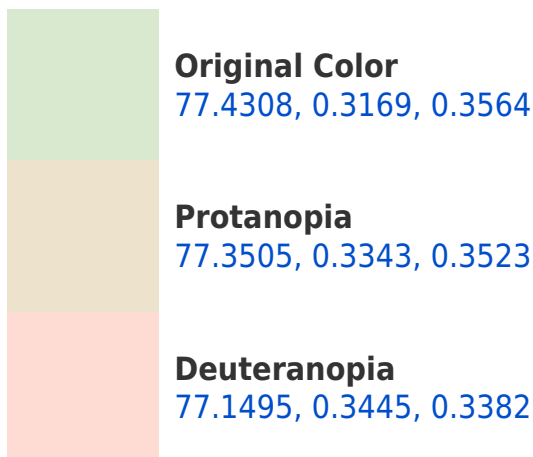


This preview shows how white text looks on a background with the Yxy color 77.4308, 0.3169, 0.3564.

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

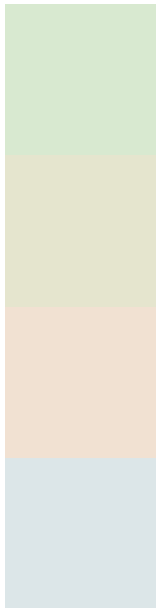




Tritanopia

77.6702, 0.2975, 0.3102

Trichromacy



Original Color

77.4308, 0.3169, 0.3564

Protanomaly

77.1529, 0.3276, 0.3537

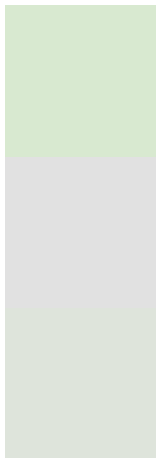
Deuteranomaly

77.2043, 0.3341, 0.3447

Tritanomaly

77.6355, 0.3047, 0.3268

Monochromacy



Original Color

77.4308, 0.3169, 0.3564

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.1309, 0.3143, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4308, 0.3169, 0.3564 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(216, 233, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 233, 208)  
}
```

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(216, 233, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 233, 208) }
```

Border

The CSS property to change the border of an element to Yxy 77.4308, 0.3169, 0.3564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

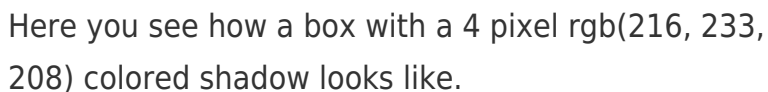
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 233, 208) }
```

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

```
.border{ border-color:rgb(216, 233, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 233, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 233, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 233, 208); box-shadow:4px 4px 4px 4px rgb(216, 233, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4308, 0.3169, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 233, 208) }
```

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

```
.background{ background-color: rgb(216,  
233, 208) }
```

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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