

Converting Colors

$Yxy(78.2951, 0.3253, 0.3547)$

Have a look what the booklet for
Yxy(78.2951, 0.3253, 0.3547)
contains.

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Color

Yxy(77.9877, 0.3253, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	E3E7CF
RGB	227, 231, 207
RGB Percent	89%, 91%, 81%
CMY	0.1100, 0.0940, 0.1882
CMYK	0.02, 0.00, 0.10, 0.09
HSL	70°, 33%, 86%
HSV	70°, 10%, 91%
XYZ	71.5034, 77.9877, 70.3164
YIQ	227.0680, 5.3200, -8.3120

Conversions

Conversions Part 2

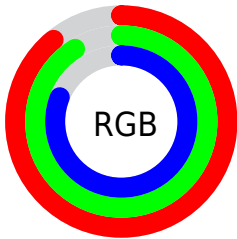
Format	Color
R_{YB}	207, 231, 211
Decimal	14936015
CIE _{Lab}	90.77, -5.49, 11.22
CIE _{LCh}	91, 12.491, 116.077
Yxy	77.9877, 0.3253, 0.3548
Android (android.graphics.Color)	4293126095 (0xFFE3E7CF)
YUV	227.0680, -9.8935, -0.0596
Hunter-Lab	88.3106, -10.0157, 14.6084

Details

The Yxy color **77.9877, 0.3253, 0.3548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2586, 0.2993, 0.3023**, and the grayscale version is **76.9348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7305, 0.3284, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **76.3119, 0.3376, 0.3807**, and if you desaturate by 10%, it is **79.8502, 0.3132, 0.3300**.

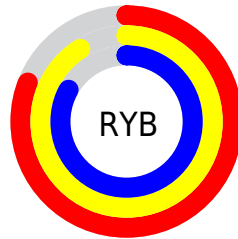
Distribution



Red (89%)

Green (91%)

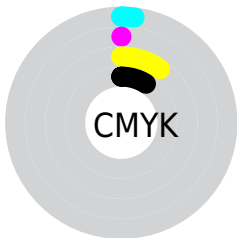
Blue (81%)



Red (81%)

Yellow (91%)

Blue (83%)

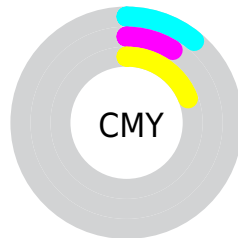


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.9877, 0.3253, 0.3548 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 77.9877, 0.3253, 0.3548 by changing the saturation by 10% instead.

 77.9877, 0.3253,
0.3548

 77.9877, 0.3253,
0.3548


488.1251, 0.3196,
0.3429

 58.0639, 0.3266,
0.3575

130.5328, 0.3234,
0.3507

 41.8600, 0.3281,
0.3609


163.9228, 0.3226,
0.3491

 28.9917, 0.3301,
0.3651


202.5704, 0.3219,
0.3477

 19.0745, 0.3326,
0.3707

246.8599, 0.3213,
0.3465

 11.7241, 0.3359,
0.3783

297.1757, 0.3208,
0.3454

 6.5561, 0.3405,
0.3892

353.9023, 0.3204,

 3.1861, 0.3473,

0.3445

0.4062

417.4239, 0.3200,
0.3436

■ 1.2296, 0.3667,
0.4465

■ 0.0857, 0.0000,
1.0000

■ 77.9877, 0.3253,
0.3548

■ 77.9877, 0.3253,
0.3548

■ 76.3119, 0.3376,
0.3807

■ 79.8502, 0.3132,
0.3300

■ 74.8053, 0.3497,
0.4072

■ 81.8959, 0.3015,
0.3066

■ 73.4636, 0.3610,
0.4332

■ 82.6854, 0.3030,
0.3050

■ 72.2784, 0.3712,
0.4580

■ 83.3747, 0.3056,
0.3052

■ 71.2404, 0.3796,
0.4802

■ 84.0789, 0.3082,
0.3054

■ 70.3393, 0.3858,
0.4990

■ 84.7981, 0.3108,
0.3056

■ 69.5635, 0.3893,
0.5135

■ 85.5325, 0.3134,
0.3058

■ 68.8989, 0.3903,
0.5234

■ 85.6444, 0.3138,
0.3058

■ 68.3428, 0.3892,
0.5292

Harmonies

Analogous

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



77.9877, 0.3368, 0.3523



77.9877, 0.3253, 0.3548



77.9877, 0.3107, 0.3500

Triad

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



77.9877, 0.3253, 0.3548



77.9877, 0.2845, 0.3134



77.9877, 0.3286, 0.3191

Complementary

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



77.9877, 0.3253, 0.3548



64.2586, 0.2993, 0.3023

Split Complementary

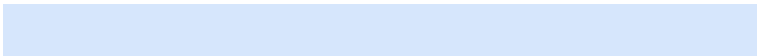
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9877, 0.3143, 0.3093



77.9877, 0.3253, 0.3548



77.9877, 0.2890, 0.3058

Square

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



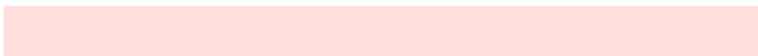
77.9877, 0.3253, 0.3548



77.9877, 0.2873, 0.3255



77.9877, 0.2998, 0.3044



77.9877, 0.3388, 0.3316

Rectangle

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



77.9877, 0.3253, 0.3548



77.9877, 0.3011, 0.3432



77.9877, 0.2998, 0.3044



77.9877, 0.3241, 0.3154

Sweetspot

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



77.9911, 0.3253, 0.3548



99.2714, 0.3163, 0.3363



68.0892, 0.3306, 0.3334



21.2073, 0.3173, 0.3383



0.0000, 0.0000, 0.0000



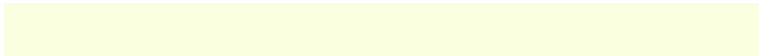
21.4041, 0.3127, 0.3290

Same Dimension

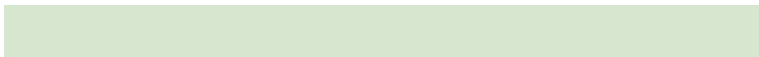
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9911, 0.3253, 0.3548



97.2111, 0.3273, 0.3591



76.1180, 0.3170, 0.3555



16.6869, 0.3241, 0.3524



38.3531, 0.3897, 0.5288



2.8671, 0.3943, 0.5251

Inverse Universe

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



64.2586, 0.2993, 0.3023



77.5030, 0.2970, 0.2977



66.0881, 0.3080, 0.3030



14.0042, 0.3006, 0.3049



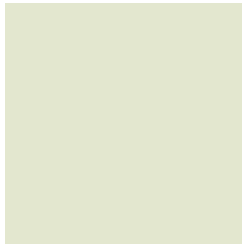
3.5153, 0.1576, 0.0642



0.2949, 0.1700, 0.0710

Previews

White Background



This preview shows how the Yxy color 77.9877, 0.3253, 0.3548 looks on a white background.

Color Contrast Check

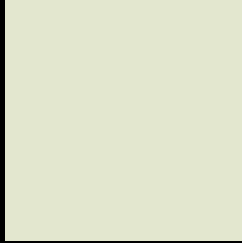
Large Text (above 18pt) WCAG AA × Fail

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 77.9877, 0.3253, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

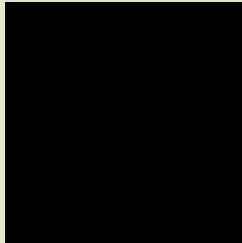
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

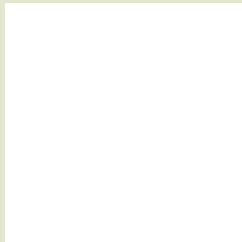
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.9877, 0.3253, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 77.9877, 0.3253, 0.3548.



This preview shows how white text looks on a background with the Yxy color 77.9877, 0.3253, 0.3548.

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

77.9877, 0.3253, 0.3548

Protanopia

78.0717, 0.3349, 0.3532

Deuteranopia

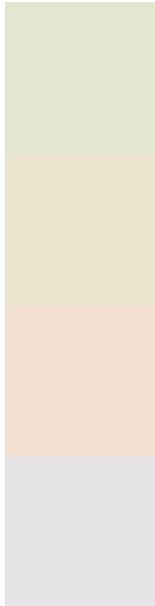
77.6761, 0.3443, 0.3392



Tritanopia

78.0802, 0.3054, 0.3105

Trichromacy



Original Color

77.9877, 0.3253, 0.3548

Protanomaly

77.9873, 0.3312, 0.3534

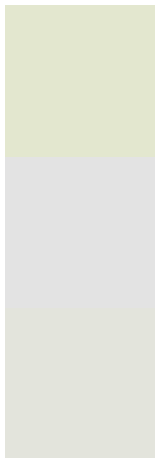
Deuteranomaly

77.9160, 0.3370, 0.3446

Tritanomaly

78.0793, 0.3122, 0.3259

Monochromacy



Original Color

77.9877, 0.3253, 0.3548

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9850, 0.3172, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9877, 0.3253, 0.3548 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(227, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 231, 207)  
}
```

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(227, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 231, 207) }
```

Border

The CSS property to change the border of an element to Yxy 77.9877, 0.3253, 0.3548 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(227, 231, 207) }
```

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

```
.border{ border-color:rgb(227, 231, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 231, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 231, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 231, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 231,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9877, 0.3253, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 231, 207) }
```

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

```
.background{ background-color: rgb(227,  
231, 207) }
```

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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