

Converting Colors

$Yxy(77.9952, 0.3243, 0.3492)$

Have a look what the booklet for
Yxy(77.9952, 0.3243, 0.3492)
contains.

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Color

Yxy(77.9548, 0.3243, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	E5E6D3
RGB	229, 230, 211
RGB Percent	90%, 90%, 83%
CMY	0.1018, 0.0981, 0.1726
CMYK	0.00, 0.00, 0.08, 0.10
HSL	63°, 28%, 86%
HSV	63°, 8%, 90%
XYZ	72.3754, 77.9548, 72.8441
YIQ	227.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

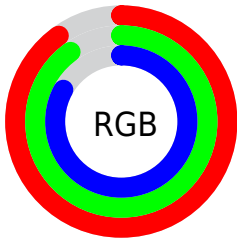
Format	Color
R _Y B	211, 230, 212
Decimal	15066835
CIE Lab	90.76, -3.59, 9.15
CIE LCh	91, 9.824, 111.402
Yxy	77.9548, 0.3243, 0.3493
Android (android.graphics.Color)	4293256915 (0xFFE5E6D3)
YUV	227.5350, -8.1518, 1.2848
Hunter-Lab	88.2920, -8.1896, 12.8880

Details

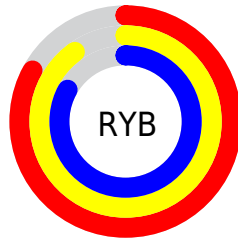
The Yxy color **77.9548, 0.3243, 0.3493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2766, 0.3006, 0.3079**, and the grayscale version is **77.2885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0589, 0.3277, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **76.6974, 0.3386, 0.3746**, and if you desaturate by 10%, it is **79.3853, 0.3103, 0.3249**.

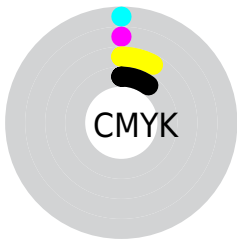
Distribution



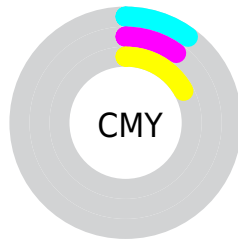
- Red (90%)
- Green (90%)
- Blue (83%)



- Red (83%)
- Yellow (90%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.9548, 0.3243, 0.3493 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 77.9548, 0.3243, 0.3493 by changing the saturation by 10% instead.

■ 77.9548, 0.3243,
0.3493

■ 77.9548, 0.3243,
0.3493

488.0133, 0.3190,
0.3400

■ 58.0368, 0.3255,
0.3514

130.4864, 0.3225,
0.3461

■ 41.8383, 0.3269,
0.3541

163.8688, 0.3218,
0.3448

■ 28.9747, 0.3287,
0.3574

202.5082, 0.3212,
0.3437

■ 19.0617, 0.3311,
0.3617

246.7890, 0.3206,
0.3428

■ 11.7148, 0.3342,
0.3676

297.0955, 0.3202,
0.3419

■ 6.5498, 0.3387,
0.3760

353.8121, 0.3197,

■ 3.1822, 0.3454,

0.3412

417.3232, 0.3194,
0.3405

0.3892

■ 1.2276, 0.3602,
0.4166

■ 0.0841, 0.0000,
1.0000

■ 77.9548, 0.3243,
0.3493

■ 77.9548, 0.3243,
0.3493

■ 76.6974, 0.3386,
0.3746

■ 79.3853, 0.3103,
0.3249

■ 75.5958, 0.3529,
0.4001


■ 80.8574, 0.2982,
0.3036


■ 74.6462, 0.3667,
0.4250


■ 81.0498, 0.2990,
0.3037


■ 73.8403, 0.3794,
0.4482


■ 81.2436, 0.2997,
0.3037


 73.1693, 0.3904,
0.4688

 81.4386, 0.3005,
0.3038

 72.6235, 0.3992,
0.4859


 81.6349, 0.3012,
0.3039


 72.1916, 0.4055,
0.4988

 81.8324, 0.3020,
0.3039

 71.8605, 0.4091,
0.5072

 82.0312, 0.3027,
0.3040

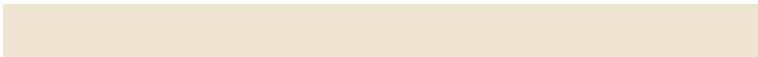
 71.6114, 0.4104,
0.5117

 82.2313, 0.3035,
0.3040

Harmonies

Analogous

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



77.9548, 0.3326, 0.3466



77.9548, 0.3243, 0.3493



77.9548, 0.3130, 0.3463

Triad

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



77.9548, 0.3243, 0.3493



77.9548, 0.2904, 0.3181



77.9548, 0.3236, 0.3198

Complementary

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



77.9548, 0.3243, 0.3493



66.2766, 0.3006, 0.3079

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.



77.9548, 0.3121, 0.3125



77.9548, 0.3243, 0.3493



77.9548, 0.2931, 0.3113

Square

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



77.9548, 0.3243, 0.3493



77.9548, 0.2935, 0.3280



77.9548, 0.3010, 0.3094



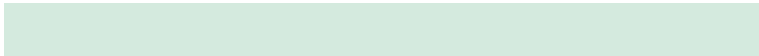
77.9548, 0.3322, 0.3295

Rectangle

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



77.9548, 0.3243, 0.3493



77.9548, 0.3053, 0.3415



77.9548, 0.3010, 0.3094



77.9548, 0.3199, 0.3170

Sweetspot

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



77.9582, 0.3243, 0.3493



99.6275, 0.3155, 0.3339



68.5753, 0.3269, 0.3301



21.3283, 0.3154, 0.3336



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.



77.9582, 0.3243, 0.3493



98.2240, 0.3268, 0.3538



76.4362, 0.3176, 0.3497



16.7785, 0.3260, 0.3523



40.5383, 0.4106, 0.5121



3.0070, 0.4120, 0.5111

Inverse Universe

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



66.2766, 0.3006, 0.3079



80.4874, 0.2978, 0.3031



67.7310, 0.3074, 0.3084



13.9214, 0.2988, 0.3047



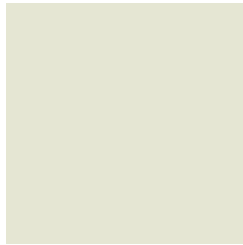
3.2921, 0.1516, 0.0609



0.2555, 0.1561, 0.0633

Previews

White Background



This preview shows how the Yxy color 77.9548, 0.3243, 0.3493 looks on a white background.

Color Contrast Check

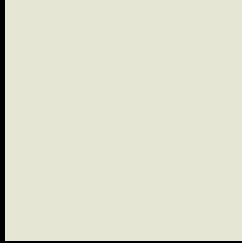
Large Text (above 18pt) WCAG AA × Fail

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 77.9548, 0.3243, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

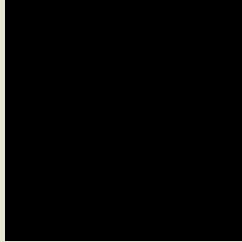
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

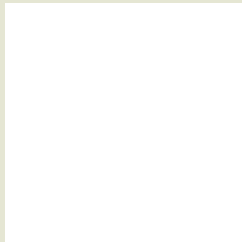
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.9548, 0.3243, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 77.9548, 0.3243, 0.3493.



This preview shows how white text looks on a background with the Yxy color 77.9548, 0.3243, 0.3493.

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

77.9548, 0.3243, 0.3493

Protanopia

78.1445, 0.3308, 0.3479

Deuteranopia

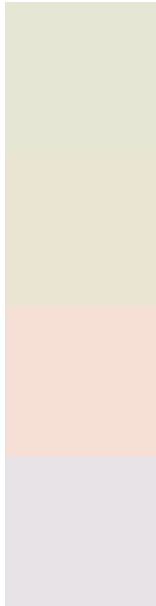
77.8279, 0.3422, 0.3362



Tritanopia

77.8139, 0.3074, 0.3105

Trichromacy



Original Color

77.9548, 0.3243, 0.3493

Protanomaly

78.1842, 0.3286, 0.3491

Deuteranomaly

77.7082, 0.3359, 0.3404

Tritanomaly

77.8635, 0.3136, 0.3248

Monochromacy



Original Color

77.9548, 0.3243, 0.3493

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.8065, 0.3165, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9548, 0.3243, 0.3493 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(229, 230, 211)` looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 211)  
}
```

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(229, 230, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 211) }
```

Border

The CSS property to change the border of an element to Yxy 77.9548, 0.3243, 0.3493 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(229, 230, 211) }
```

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

```
.border{ border-color:rgb(229, 230, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 230, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 230, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 230, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 230,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9548, 0.3243, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 211) }
```

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

```
.background{ background-color: rgb(229,  
230, 211) }
```

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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