

Converting Colors

Yxy(76.9068, 0.3190, 0.3464)

Have a look what the booklet for
Yxy(76.9068, 0.3190, 0.3464)
contains.

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Color

Yxy(76.6900, 0.3195, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	E0E5D5
RGB	224, 229, 213
RGB Percent	88%, 90%, 84%
CMY	0.1218, 0.1019, 0.1648
CMYK	0.02, 0.00, 0.07, 0.10
HSL	79°, 24%, 87%
HSV	79°, 7%, 90%
XYZ	70.7550, 76.6900, 74.0104
YIQ	225.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

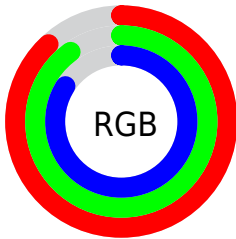
Format	Color
R _Y B	213, 229, 218
Decimal	14738901
CIE Lab	90.18, -4.52, 7.22
CIE LCh	90, 8.514, 122.035
Yxy	76.6900, 0.3195, 0.3463
Android (android.graphics.Color)	4292928981 (0xFFE0E5D5)
YUV	225.6810, -6.2517, -1.4742
Hunter-Lab	87.5728, -9.0323, 11.1932

Details

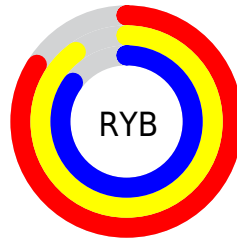
The Yxy color **76.6900, 0.3195, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1519, 0.3056, 0.3115**, and the grayscale version is **75.8513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1757, 0.3215, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **74.4779, 0.3293, 0.3724**, and if you desaturate by 10%, it is **79.1224, 0.3099, 0.3219**.

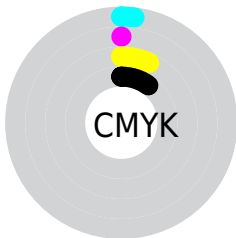
Distribution



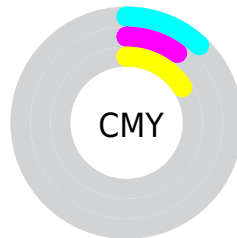
- Red (88%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6900, 0.3195, 0.3463 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 76.6900, 0.3195, 0.3463 by changing the saturation by 10% instead.

■ 76.6900, 0.3195,
0.3463

■ 76.6900, 0.3195,
0.3463

483.7064, 0.3164,
0.3383

■ 56.9985, 0.3202,
0.3481

128.7018, 0.3184,
0.3435

■ 41.0040, 0.3210,
0.3504

161.7909, 0.3180,
0.3424

■ 28.3222, 0.3221,
0.3533

200.1146, 0.3177,
0.3415

■ 18.5687, 0.3235,
0.3570

244.0573, 0.3174,
0.3407

■ 11.3591, 0.3253,
0.3621

294.0034, 0.3171,
0.3400

■ 6.3089, 0.3279,
0.3696

350.3374, 0.3168,

■ 3.0338, 0.3318,

0.3394

0.3812

413.4436, 0.3166,
0.3388

■ 1.1494, 0.3405,
0.4050

■ 0.0198, 0.0000,
1.0000

■ 76.6900, 0.3195,
0.3463

■ 76.6900, 0.3195,
0.3463

■ 74.4779, 0.3293,
0.3724

■ 79.1224, 0.3099,
0.3219

■ 72.4686, 0.3389,
0.3997

■ 81.5259, 0.3029,
0.3030

■ 70.6575, 0.3479,
0.4276

■ 82.8094, 0.3077,
0.3034

■ 69.0361, 0.3559,
0.4550

■ 84.1440, 0.3125,
0.3038

■ 67.5951, 0.3623,
0.4809

■ 84.5317, 0.3139,
0.3039

■ 66.3243, 0.3666,
0.5040

■ 65.2122, 0.3686,
0.5232

■ 64.2453, 0.3679,
0.5376

■ 63.4066, 0.3649,
0.5470

Harmonies

Analogous

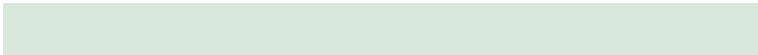
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6900, 0.3279, 0.3457



76.6900, 0.3195, 0.3463



76.6900, 0.3093, 0.3421

Triad

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



76.6900, 0.3195, 0.3463



76.6900, 0.2935, 0.3170



76.6900, 0.3253, 0.3238

Complementary

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



76.6900, 0.3195, 0.3463



68.1519, 0.3056, 0.3115

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.



76.6900, 0.3159, 0.3165



76.6900, 0.3195, 0.3463



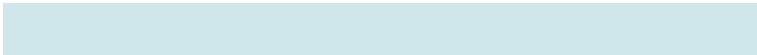
76.6900, 0.2976, 0.3125

Square

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



76.6900, 0.3195, 0.3463



76.6900, 0.2945, 0.3249



76.6900, 0.3057, 0.3123



76.6900, 0.3313, 0.3326

Rectangle

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



76.6900, 0.3195, 0.3463



76.6900, 0.3030, 0.3371



76.6900, 0.3057, 0.3123



76.6900, 0.3224, 0.3211

Sweetspot

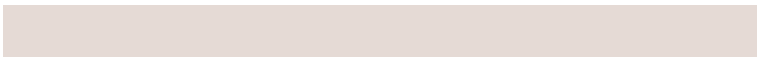
The Sweet Spot groups the original color and five complimentary colors.



76.6933, 0.3195, 0.3463



99.3709, 0.3147, 0.3339



71.5009, 0.3242, 0.3342



21.2761, 0.3146, 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.



76.6933, 0.3195, 0.3463



97.5508, 0.3205, 0.3490



75.4826, 0.3141, 0.3466



16.5765, 0.3219, 0.3526



36.1773, 0.3647, 0.5487



2.7225, 0.3728, 0.5422

Inverse Universe

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



68.1519, 0.3056, 0.3115



85.1188, 0.3045, 0.3088



69.3762, 0.3112, 0.3118



14.1074, 0.3029, 0.3050



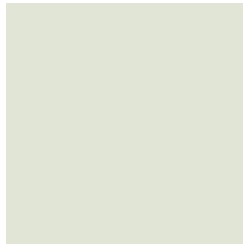
4.0899, 0.1725, 0.0724



0.3505, 0.1883, 0.0811

Previews

White Background



This preview shows how the Yxy color 76.6900, 0.3195, 0.3463 looks on a white background.

Color Contrast Check

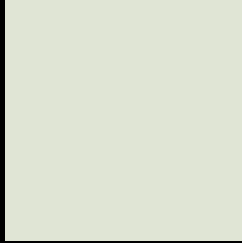
Large Text (above 18pt) WCAG AA × Fail

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 76.6900, 0.3195, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

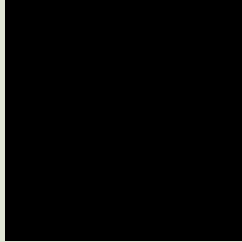
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

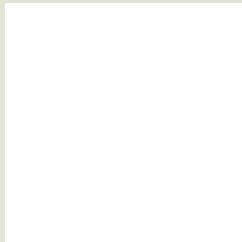
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6900, 0.3195, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 76.6900, 0.3195, 0.3463.

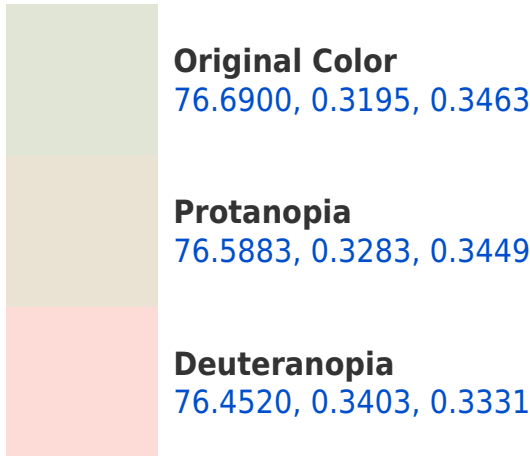


This preview shows how white text looks on a background with the Yxy color 76.6900, 0.3195, 0.3463.

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

76.7552, 0.3040, 0.3113

Trichromacy



Original Color

76.6900, 0.3195, 0.3463

Protanomaly

76.5146, 0.3246, 0.3450

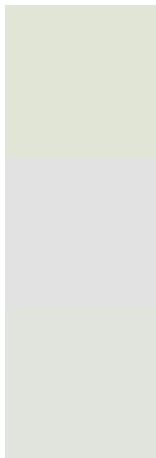
Deuteranomaly

76.5076, 0.3324, 0.3384

Tritanomaly

76.4931, 0.3102, 0.3237

Monochromacy



Original Color

76.6900, 0.3195, 0.3463

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1662, 0.3152, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Xxy 76.6900, 0.3195, 0.3463 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(224, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 229, 213)  
}
```

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(224, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 229, 213) }
```

Border

The CSS property to change the border of an element to Yxy 76.6900, 0.3195, 0.3463 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(224, 229, 213) }
```

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

```
.border{ border-color:rgb(224, 229, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 229,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6900, 0.3195, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 229, 213) }
```

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

```
.background{ background-color: rgb(224,  
229, 213) }
```

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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