

Converting Colors

$Yxy(76.1987, 0.3181, 0.3226)$

Have a look what the booklet for
Yxy(76.1987, 0.3181, 0.3226)
contains.

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Color

Yxy(76.2654, 0.3179, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFE5
RGB	236, 223, 229
RGB Percent	93%, 87%, 90%
CMY	0.0747, 0.1254, 0.1020
CMYK	0.00, 0.05, 0.03, 0.07
HSL	332°, 25%, 90%
HSV	332°, 5%, 93%
XYZ	75.1077, 76.2654, 84.8890
YIQ	227.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

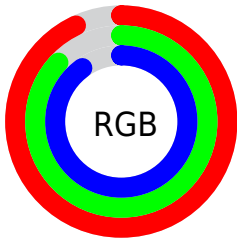
Format	Color
R _Y B	236, 223, 229
Decimal	15523813
CIE Lab	89.98, 5.44, -1.35
CIE LCh	90, 5.602, 346.096
Yxy	76.2654, 0.3179, 0.3228
Android (android.graphics.Color)	4293713893 (0xFFE0DFE5)
YUV	227.5710, 0.7045, 7.3922
Hunter-Lab	87.3301, 0.6903, 3.4984

Details

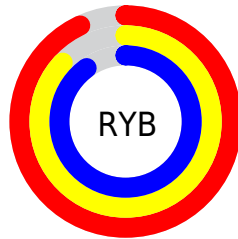
The Yxy color **76.2654, 0.3179, 0.3228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.3608, 0.3078, 0.3353**, and the grayscale version is **77.2420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7646, 0.3186, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **63.8426, 0.3289, 0.3109**, and if you desaturate by 10%, it is **90.5034, 0.3088, 0.3339**.

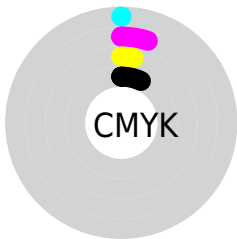
Distribution



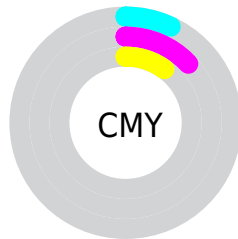
- Red (93%)
- Green (87%)
- Blue (90%)



- Red (93%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2654, 0.3179, 0.3228 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 76.2654, 0.3179, 0.3228 by changing the saturation by 10% instead.

 76.2654, 0.3179,
0.3228

 76.2654, 0.3179,
0.3228


482.2557, 0.3155,
0.3256

 56.6502, 0.3184,
0.3222


128.1020, 0.3171,
0.3238

 40.7244, 0.3191,
0.3214


161.0921, 0.3168,
0.3242

 28.1038, 0.3199,
0.3204

199.3094, 0.3165,
0.3245

 18.4039, 0.3210,
0.3191

243.1381, 0.3162,
0.3248

 11.2404, 0.3225,
0.3173

292.9627, 0.3160,
0.3250

 6.2288, 0.3246,
0.3148

349.1676, 0.3158,

 2.9847, 0.3278,

0.3253

0.3110

412.1371, 0.3157,
0.3255

■ 1.1237, 0.3335,
0.3043

■ 0.0000, 0.5873,
0.0000

■ 76.2654, 0.3179,
0.3228

■ 76.2654, 0.3179,
0.3228

■ 63.8426, 0.3289,
0.3109

■ 90.5034, 0.3088,
0.3339

■ 53.1517, 0.3422,
0.2986

■ 96.5220, 0.3015,
0.3296

■ 44.1177, 0.3582,
0.2861

■ 96.5629, 0.3011,
0.3290

■ 36.6561, 0.3771,
0.2740

■ 30.6752, 0.3989,
0.2633

■ 26.0732, 0.4235,
0.2551

■ 22.7356, 0.4502,
0.2507

■ 20.5291, 0.4775,
0.2512

■ 19.2895, 0.5038,
0.2573

Harmonies

Analogous

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



76.2654, 0.3112, 0.3189



76.2654, 0.3179, 0.3228



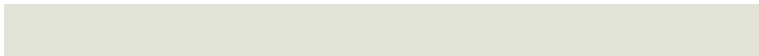
76.2654, 0.3232, 0.3283

Triad

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



76.2654, 0.3179, 0.3228



76.2654, 0.3204, 0.3406



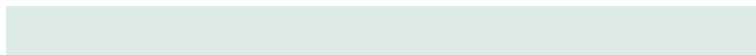
76.2654, 0.2999, 0.3237

Complementary

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



76.2654, 0.3179, 0.3228



81.3608, 0.3078, 0.3353

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.



76.2654, 0.3023, 0.3296



76.2654, 0.3179, 0.3228



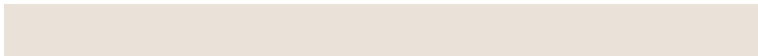
76.2654, 0.3141, 0.3394

Square

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



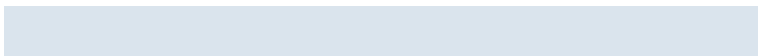
76.2654, 0.3179, 0.3228



76.2654, 0.3247, 0.3386



76.2654, 0.3075, 0.3354



76.2654, 0.3009, 0.3194

Rectangle

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



76.2654, 0.3179, 0.3228



76.2654, 0.3253, 0.3322



76.2654, 0.3075, 0.3354



76.2654, 0.3003, 0.3256

Sweetspot

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



76.2687, 0.3179, 0.3228



96.6138, 0.3146, 0.3268



75.6502, 0.3092, 0.3155



20.7148, 0.3145, 0.3269



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.



76.2687, 0.3179, 0.3228



88.5326, 0.3195, 0.3210



76.1711, 0.3218, 0.3295



15.6857, 0.3200, 0.3204



10.4657, 0.5115, 0.2591



0.8411, 0.4783, 0.2408

Inverse Universe

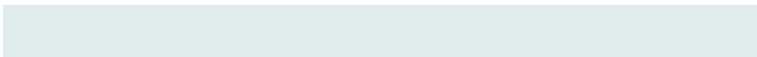
The Inverse Universe completely reimagines the original color for something new.



76.2687, 0.3179, 0.3228



88.5326, 0.3195, 0.3210



81.4547, 0.3042, 0.3285



15.6857, 0.3200, 0.3204



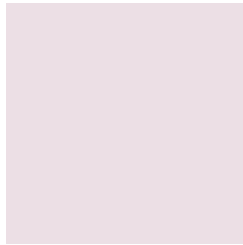
10.4657, 0.5115, 0.2591



0.8411, 0.4783, 0.2408

Previews

White Background



This preview shows how the Yxy color 76.2654, 0.3179, 0.3228 looks on a white background.

Color Contrast Check

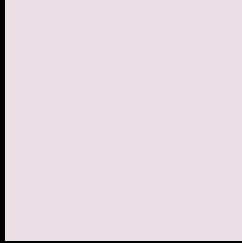
Large Text (above 18pt) WCAG AA × Fail

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 76.2654, 0.3179, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

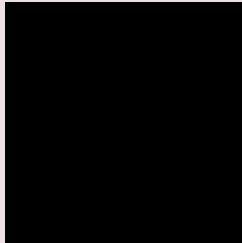
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

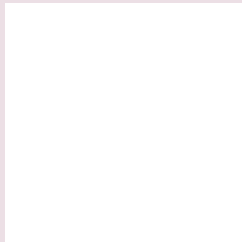
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2654, 0.3179, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 76.2654, 0.3179, 0.3228.

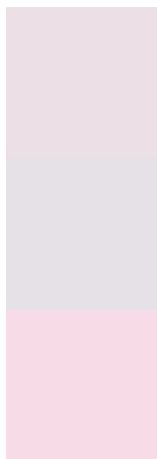


This preview shows how white text looks on a background with the Yxy color 76.2654, 0.3179, 0.3228.

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

76.2654, 0.3179, 0.3228

Protanopia

76.2216, 0.3123, 0.3237

Deuteranopia

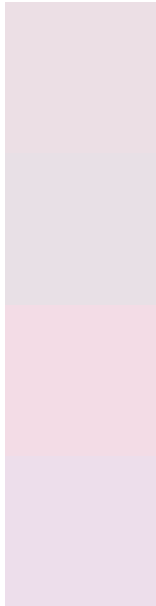
76.1504, 0.3255, 0.3179



Tritanopia

75.9494, 0.3122, 0.3105

Trichromacy



Original Color

76.2654, 0.3179, 0.3228

Protanomaly

76.1803, 0.3144, 0.3227

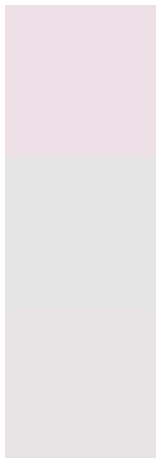
Deuteranomaly

75.9543, 0.3225, 0.3188

Tritanomaly

76.2452, 0.3148, 0.3156

Monochromacy



Original Color

76.2654, 0.3179, 0.3228

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9831, 0.3149, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2654, 0.3179, 0.3228 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(236, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 229)  
}
```

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(236, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 229) }
```

Border

The CSS property to change the border of an element to Yxy 76.2654, 0.3179, 0.3228 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(236, 223, 229) }
```

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

```
.border{ border-color:rgb(236, 223, 229) }
```

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

Here you see how a box with a 4 pixel rgb(236, 223, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2654, 0.3179, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 229) }
```

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

```
.background{ background-color: rgb(236,  
223, 229) }
```

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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