

Converting Colors

$Yxy(76.5857, 0.3152, 0.3192)$

Have a look what the booklet for
Yxy(76.5857, 0.3152, 0.3192)
contains.

Yxy(76.4914, 0.3153, 0.3187)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.4914, 0.3153, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFE9
RGB	236, 223, 233
RGB Percent	93%, 87%, 91%
CMY	0.0746, 0.1254, 0.0864
CMYK	0.00, 0.05, 0.01, 0.07
HSL	314°, 25%, 90%
HSV	314°, 5%, 93%
XYZ	75.6754, 76.4914, 87.8439
YIQ	228.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

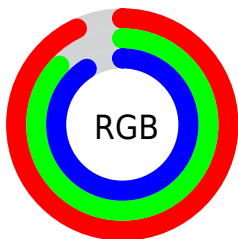
Format	Color
RYB	236, 223, 233
Decimal	15523817
CIELab	90.09, 6.15, -3.28
CIElCh	90, 6.968, 331.942
Yxy	76.4914, 0.3153, 0.3187
Android (android.graphics.Color)	4293713897 (0xFFE9DFE9)
YUV	228.0270, 2.4517, 6.9923
Hunter-Lab	87.4594, 1.3956, 1.6709

Details

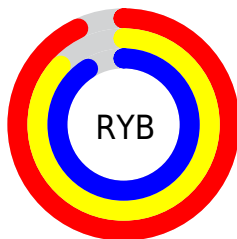
The Yxy color **76.4914, 0.3153, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.1540, 0.3102, 0.3395**, and the grayscale version is **77.5810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8829, 0.3160, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **64.4435, 0.3206, 0.2993**, and if you desaturate by 10%, it is **90.3127, 0.3108, 0.3372**.

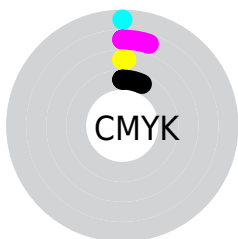
Distribution



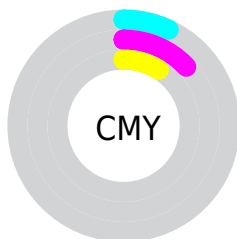
- Red (93%)
- Green (87%)
- Blue (91%)



- Red (93%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4914, 0.3153, 0.3187 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 76.4914, 0.3153, 0.3187 by changing the saturation by 10% instead.

 76.4914, 0.3153,
0.3187

 76.4914, 0.3153,
0.3187

483.0282, 0.3141,
0.3234

 56.8355, 0.3156,
0.3176


128.4213, 0.3149,
0.3203

 40.8732, 0.3159,
0.3163


161.4641, 0.3147,
0.3209

 28.2200, 0.3163,
0.3147


199.7380, 0.3146,
0.3215

 18.4916, 0.3168,
0.3126

243.6275, 0.3145,
0.3220

 11.3035, 0.3175,
0.3098

293.5168, 0.3144,
0.3224

 6.2714, 0.3184,
0.3057

349.7905, 0.3143,

 3.0108, 0.3199,

0.3228

0.2996

412.8328, 0.3142,
0.3231

■ 1.1374, 0.3223,
0.2890

■ 0.0096, 0.3899,
0.0236

■ 76.4914, 0.3153,
0.3187

■ 76.4914, 0.3153,
0.3187

■ 64.4435, 0.3206,
0.2993

■ 90.3127, 0.3108,
0.3372

■ 54.0868, 0.3268,
0.2794

■ 95.8717, 0.3073,
0.3400

■ 45.3472, 0.3338,
0.2595

■ 96.2080, 0.3043,
0.3346

■ 38.1414, 0.3416,
0.2406

■ 96.5542, 0.3012,
0.3292

■ 32.3786, 0.3502,
0.2235

■ 96.5669, 0.3011,
0.3290

■ 27.9582, 0.3593,
0.2092

■ 24.7670, 0.3687,
0.1989

■ 22.6728, 0.3780,
0.1931

■ 21.5128, 0.3870,
0.1921

Harmonies

Analogous

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



76.4914, 0.3070, 0.3153



76.4914, 0.3153, 0.3187



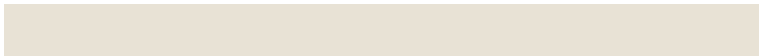
76.4914, 0.3230, 0.3248

Triad

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



76.4914, 0.3153, 0.3187



76.4914, 0.3252, 0.3427



76.4914, 0.2977, 0.3257

Complementary

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



76.4914, 0.3153, 0.3187



81.1540, 0.3102, 0.3395

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.



76.4914, 0.3025, 0.3332



76.4914, 0.3153, 0.3187



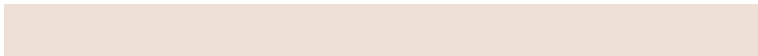
76.4914, 0.3183, 0.3431

Square

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



76.4914, 0.3153, 0.3187



76.4914, 0.3288, 0.3386



76.4914, 0.3100, 0.3397



76.4914, 0.2969, 0.3192

Rectangle

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



76.4914, 0.3153, 0.3187



76.4914, 0.3267, 0.3296



76.4914, 0.3100, 0.3397



76.4914, 0.2989, 0.3282

Sweetspot

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



76.4947, 0.3153, 0.3187



96.7133, 0.3136, 0.3253



74.9808, 0.3063, 0.3153



20.7351, 0.3136, 0.3255



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

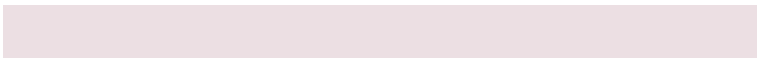
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4947, 0.3153, 0.3187



88.8722, 0.3161, 0.3158



76.1420, 0.3194, 0.3252



15.7509, 0.3163, 0.3147



11.6990, 0.3896, 0.1920



0.9331, 0.3781, 0.1856

Inverse Universe

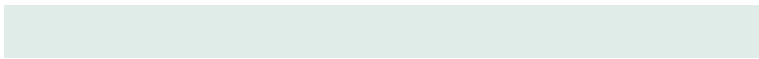
The Inverse Universe completely reimagines the original color for something new.



76.4947, 0.3153, 0.3187



88.8722, 0.3161, 0.3158



81.5053, 0.3064, 0.3328



15.7509, 0.3163, 0.3147



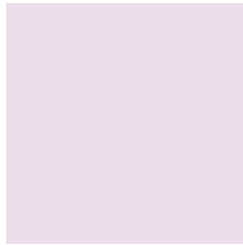
11.6990, 0.3896, 0.1920



0.9331, 0.3781, 0.1856

Previews

White Background



This preview shows how the Yxy color 76.4914, 0.3153, 0.3187 looks on a white background.

Color Contrast Check

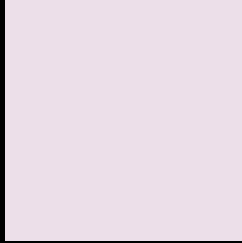
Large Text (above 18pt) WCAG AA × Fail

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 76.4914, 0.3153, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

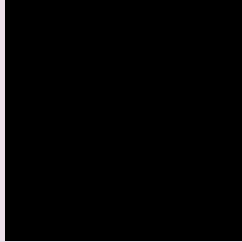
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

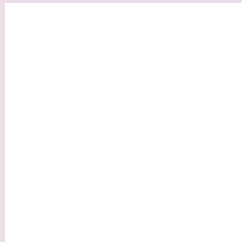
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4914, 0.3153, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 76.4914, 0.3153, 0.3187.

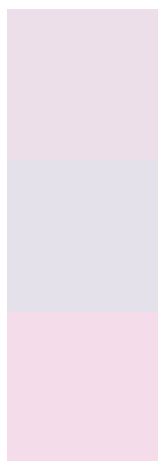


This preview shows how white text looks on a background with the Yxy color 76.4914, 0.3153, 0.3187.

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

76.4914, 0.3153, 0.3187

Protanopia

76.2849, 0.3090, 0.3195

Deuteranopia

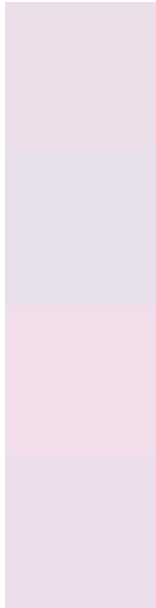
76.5394, 0.3212, 0.3148



Tritanopia

76.4791, 0.3121, 0.3115

Trichromacy



Original Color

76.4914, 0.3153, 0.3187

Protanomaly

76.2407, 0.3111, 0.3186

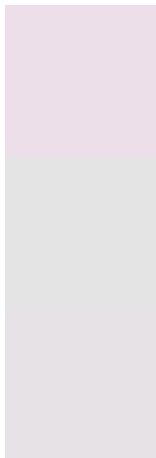
Deuteranomaly

76.5307, 0.3190, 0.3157

Tritanomaly

76.3615, 0.3134, 0.3136

Monochromacy



Original Color

76.4914, 0.3153, 0.3187

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0948, 0.3136, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4914, 0.3153, 0.3187 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 233) }
```

Border

The CSS property to change the border of an element to Yxy 76.4914, 0.3153, 0.3187 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, 233) }
```

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

```
.border{ border-color:rgb(236, 223, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 233);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4914, 0.3153, 0.3187 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, 233) }
```

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

```
.background{ background-color: rgb(236,  
223, 233) }
```

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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