

Converting Colors

$Yxy(76.6061, 0.3167, 0.3197)$

Have a look what the booklet for
Yxy(76.6061, 0.3167, 0.3197)
contains.

Yxy(76.6061, 0.3167, 0.3197)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.6061, 0.3167, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	EDDFE8
RGB	237, 223, 232
RGB Percent	93%, 87%, 91%
CMY	0.0704, 0.1255, 0.0902
CMYK	0.00, 0.06, 0.02, 0.07
HSL	322°, 28%, 90%
HSV	322°, 6%, 93%
XYZ	75.8872, 76.6061, 87.1254
YIQ	228.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

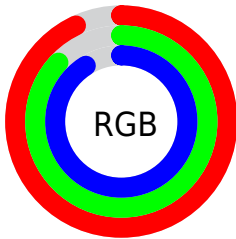
Format	Color
R _Y B	237, 223, 232
Decimal	15589352
CIE Lab	90.14, 6.35, -2.68
CIE LCh	90, 6.894, 337.150
Yxy	76.6061, 0.3167, 0.3197
Android (android.graphics.Color)	4293779432 (0xFFEDDFE8)
YUV	228.2120, 1.8675, 7.7071
Hunter-Lab	87.5249, 1.5973, 2.2481

Details

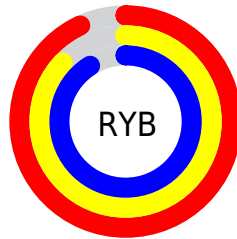
The Yxy color **76.6061, 0.3167, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.8828, 0.3089, 0.3385**, and the grayscale version is **77.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9636, 0.3178, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **64.3454, 0.3244, 0.3034**, and if you desaturate by 10%, it is **90.6700, 0.3102, 0.3352**.

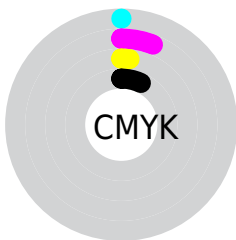
Distribution



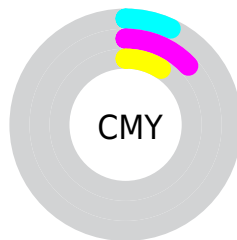
- Red (93%)
- Green (87%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6061, 0.3167, 0.3197 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 76.6061, 0.3167, 0.3197 by changing the saturation by 10% instead.


 76.6061, 0.3167,
0.3197

 76.6061, 0.3167,
0.3197

483.4200, 0.3149,
0.3239

 56.9296, 0.3171,
0.3187


128.5833, 0.3161,
0.3212

 40.9488, 0.3176,
0.3176


161.6528, 0.3158,
0.3217

 28.2790, 0.3182,
0.3161


199.9555, 0.3156,
0.3222

 18.5361, 0.3190,
0.3142

243.8757, 0.3154,
0.3227

 11.3356, 0.3201,
0.3116

293.7979, 0.3153,
0.3230

 6.2930, 0.3217,
0.3080

350.1064, 0.3151,

 3.0241, 0.3240,

0.3234

413.1856, 0.3150,
0.3237

0.3024

■ 1.1443, 0.3281,
0.2928

■ 0.0155, 0.4361,
0.0398

■ 76.6061, 0.3167,
0.3197

■ 76.6061, 0.3167,
0.3197

■ 64.3454, 0.3244,
0.3034

■ 90.6700, 0.3102,
0.3352

■ 53.8043, 0.3336,
0.2865

■ 96.3728, 0.3051,
0.3349

■ 44.9075, 0.3442,
0.2696

■ 96.7516, 0.3018,
0.3290

■ 37.5702, 0.3565,
0.2534

■ 31.6999, 0.3703,
0.2387

■ 27.1942, 0.3854,
0.2269

■ 23.9375, 0.4013,
0.2189

■ 21.7950, 0.4176,
0.2158

■ 20.5996, 0.4334,
0.2178

Harmonies

Analogous

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



76.6061, 0.3084, 0.3158



76.6061, 0.3167, 0.3197



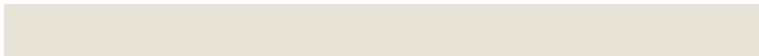
76.6061, 0.3240, 0.3260

Triad

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



76.6061, 0.3167, 0.3197



76.6061, 0.3241, 0.3429



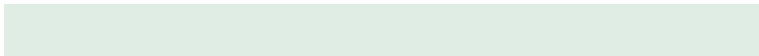
76.6061, 0.2975, 0.3245

Complementary

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



76.6061, 0.3167, 0.3197



81.8828, 0.3089, 0.3385

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.



76.6061, 0.3015, 0.3319



76.6061, 0.3167, 0.3197



76.6061, 0.3169, 0.3427

Square

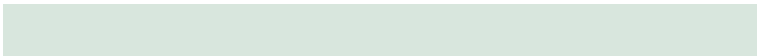
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6061, 0.3167, 0.3197



76.6061, 0.3283, 0.3394



76.6061, 0.3086, 0.3386



76.6061, 0.2974, 0.3185

Rectangle

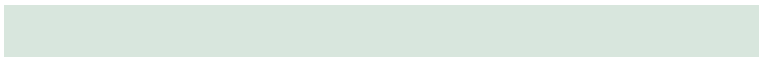
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6061, 0.3167, 0.3197



76.6061, 0.3272, 0.3308



76.6061, 0.3086, 0.3386



76.6061, 0.2984, 0.3269

Sweetspot

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



76.6094, 0.3167, 0.3197



96.6716, 0.3140, 0.3259



75.3681, 0.3071, 0.3143



20.7266, 0.3140, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

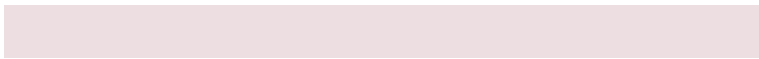
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6094, 0.3167, 0.3197



88.7291, 0.3175, 0.3179



76.2253, 0.3213, 0.3268



15.7234, 0.3179, 0.3171



11.0909, 0.4374, 0.2183



0.8892, 0.4170, 0.2071

Inverse Universe

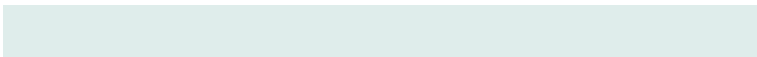
The Inverse Universe completely reimagines the original color for something new.



76.6094, 0.3167, 0.3197



88.7291, 0.3175, 0.3179



82.2735, 0.3048, 0.3312



15.7234, 0.3179, 0.3171



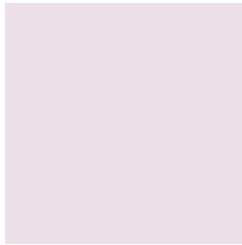
11.0909, 0.4374, 0.2183



0.8892, 0.4170, 0.2071

Previews

White Background



This preview shows how the Yxy color 76.6061, 0.3167, 0.3197 looks on a white background.

Color Contrast Check

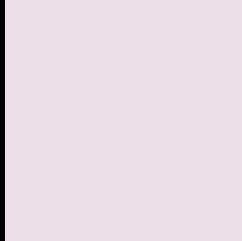
Large Text (above 18pt) WCAG AA × Fail

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 76.6061, 0.3167, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

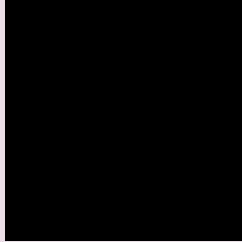
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

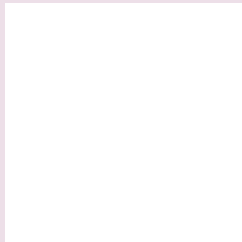
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6061, 0.3167, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 76.6061, 0.3167, 0.3197.

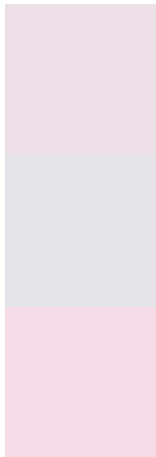


This preview shows how white text looks on a background with the Yxy color 76.6061, 0.3167, 0.3197.

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

76.6061, 0.3167, 0.3197

Protanopia

76.9339, 0.3103, 0.3217

Deuteranopia

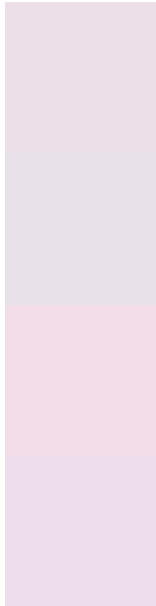
76.6624, 0.3226, 0.3158



Tritanopia

76.6517, 0.3128, 0.3116

Trichromacy



Original Color

76.6061, 0.3167, 0.3197

Protanomaly

76.8894, 0.3124, 0.3207

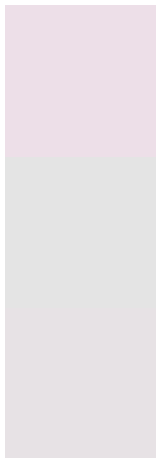
Deuteranomaly

76.6508, 0.3204, 0.3168

Tritanomaly

76.4758, 0.3148, 0.3146

Monochromacy



Original Color

76.6061, 0.3167, 0.3197

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0388, 0.3143, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6061, 0.3167, 0.3197 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(237, 223, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 232)  
}
```

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(237, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 232) }
```

Border

The CSS property to change the border of an element to Yxy 76.6061, 0.3167, 0.3197 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(237, 223, 232) }
```

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

```
.border{ border-color:rgb(237, 223, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 223, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6061, 0.3167, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 232) }
```

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

```
.background{ background-color: rgb(237,  
223, 232) }
```

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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