

Converting Colors

$Yxy(76.2216, 0.3123, 0.3237)$

Have a look what the booklet for
Yxy(76.2216, 0.3123, 0.3237)
contains.

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Color

Yxy(76.2216, 0.3123, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E5E1E6
RGB	229, 225, 230
RGB Percent	90%, 88%, 90%
CMY	0.1017, 0.1177, 0.0980
CMYK	0.00, 0.02, 0.00, 0.10
HSL	289°, 9%, 89%
HSV	289°, 2%, 90%
XYZ	73.5372, 76.2216, 85.7110
YIQ	226.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

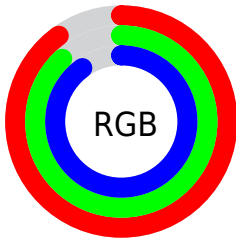
Format	Color
R _Y B	229, 225, 230
Decimal	15065574
CIE Lab	89.96, 2.28, -1.97
CIE LCh	90, 3.016, 319.135
Yxy	76.2216, 0.3123, 0.3237
Android (android.graphics.Color)	4293255654 (0xFFE5E1E6)
YUV	226.7660, 1.5944, 1.9592
Hunter-Lab	87.3050, -2.4326, 2.9060

Details

The Yxy color **76.2216, 0.3123, 0.3237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1981, 0.3131, 0.3343**, and the grayscale version is **76.6331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8433, 0.3121, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **63.9057, 0.3101, 0.2987**, and if you desaturate by 10%, it is **90.2374, 0.3140, 0.3473**.

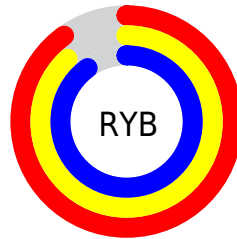
Distribution



Red (90%)

Green (88%)

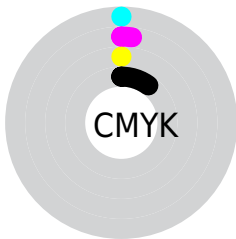
Blue (90%)



Red (90%)

Yellow (88%)

Blue (90%)

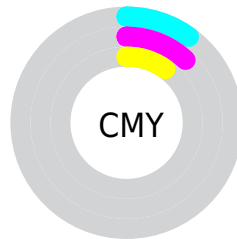


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2216, 0.3123, 0.3237 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 76.2216, 0.3123, 0.3237 by changing the saturation by 10% instead.

■ 76.2216, 0.3123,
0.3237

■ 76.2216, 0.3123,
0.3237

482.1059, 0.3125,
0.3261

■ 56.6142, 0.3123,
0.3231

128.0401, 0.3124,
0.3245

■ 40.6956, 0.3122,
0.3225

161.0200, 0.3124,
0.3249

■ 28.0813, 0.3121,
0.3216

199.2263, 0.3124,
0.3252

■ 18.3870, 0.3120,
0.3205

243.0432, 0.3124,
0.3254

■ 11.2282, 0.3119,
0.3190

292.8553, 0.3125,
0.3256

■ 6.2205, 0.3117,
0.3169

349.0468, 0.3125,

■ 2.9796, 0.3114,

0.3258

0.3136

412.0022, 0.3125,
0.3260

■ 1.1211, 0.3108,
0.3078

■ 0.0000, 0.2793,
0.0000

■ 76.2216, 0.3123,
0.3237

■ 76.2216, 0.3123,
0.3237

■ 63.9057, 0.3101,
0.2987

■ 90.2374, 0.3140,
0.3473

■ 53.2132, 0.3074,
0.2726

■ 95.3768, 0.3164,
0.3540

■ 44.0762, 0.3042,
0.2461

■ 96.1415, 0.3192,
0.3538

■ 36.4185, 0.3005,
0.2202

■ 96.9247, 0.3219,
0.3536

■ 30.1572, 0.2962,
0.1957

■ 97.7265, 0.3247,
0.3534

■ 25.2012, 0.2916,
0.1738

■ 98.4942, 0.3274,
0.3532

■ 21.4483, 0.2866,
0.1555

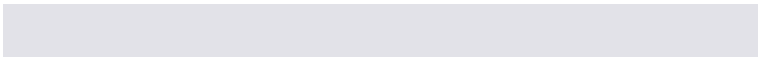
■ 18.7813, 0.2816,
0.1416

■ 17.0590, 0.2765,
0.1322

Harmonies

Analogous

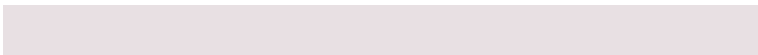
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2216, 0.3089, 0.3229



76.2216, 0.3123, 0.3237



76.2216, 0.3159, 0.3259

Triad

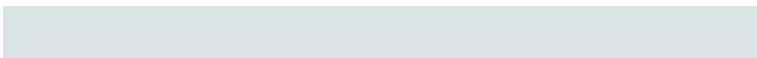
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2216, 0.3123, 0.3237



76.2216, 0.3190, 0.3344



76.2216, 0.3069, 0.3290

Complementary

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



76.2216, 0.3123, 0.3237



78.1981, 0.3131, 0.3343

Split Complementary

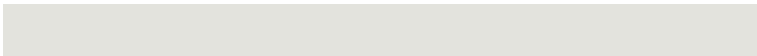
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2216, 0.3096, 0.3321



76.2216, 0.3123, 0.3237



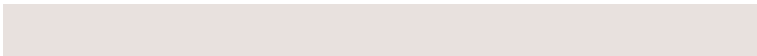
76.2216, 0.3166, 0.3352

Square

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



76.2216, 0.3123, 0.3237



76.2216, 0.3197, 0.3321



76.2216, 0.3131, 0.3344



76.2216, 0.3058, 0.3259

Rectangle

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



76.2216, 0.3123, 0.3237



76.2216, 0.3178, 0.3279



76.2216, 0.3131, 0.3344



76.2216, 0.3076, 0.3301

Sweetspot

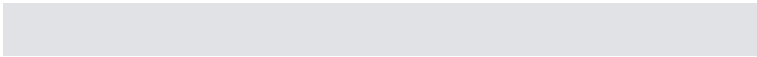
The Sweet Spot groups the original color and five complimentary colors.



76.2249, 0.3123, 0.3237



98.2920, 0.3125, 0.3266



76.1077, 0.3094, 0.3247



21.0565, 0.3125, 0.3267



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.



76.2249, 0.3123, 0.3237



94.9412, 0.3121, 0.3217



76.2982, 0.3139, 0.3253



15.9877, 0.3120, 0.3198



9.2172, 0.2734, 0.1280



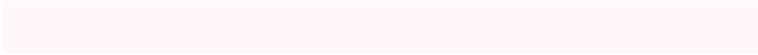
0.7169, 0.2807, 0.1320

Inverse Universe

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



76.1562, 0.3156, 0.3280



94.8231, 0.3167, 0.3276



78.1268, 0.3115, 0.3327



15.9627, 0.3178, 0.3273



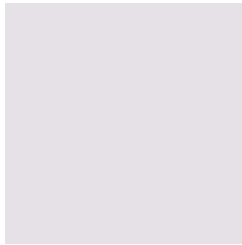
9.6392, 0.6096, 0.3132



0.7250, 0.5703, 0.2916

Previews

White Background



This preview shows how the Yxy color 76.2216, 0.3123, 0.3237 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 76.2216, 0.3123, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

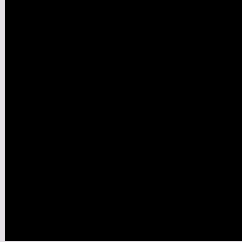
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

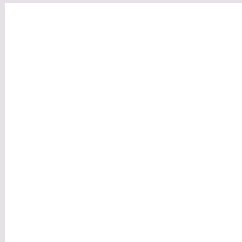
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2216, 0.3123, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 76.2216, 0.3123, 0.3237.

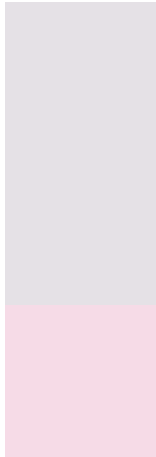


This preview shows how white text looks on a background with the Yxy color 76.2216, 0.3123, 0.3237.

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

76.2216, 0.3123, 0.3237

Protanopia

76.2216, 0.3123, 0.3237

Deuteranopia

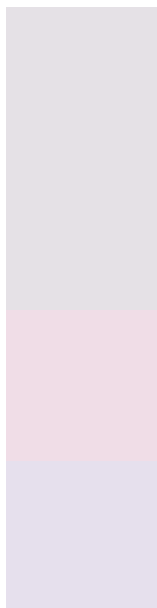
76.0254, 0.3241, 0.3168



Tritanopia

76.1152, 0.3067, 0.3103

Trichromacy



Original Color

76.2216, 0.3123, 0.3237

Protanomaly

76.2216, 0.3123, 0.3237

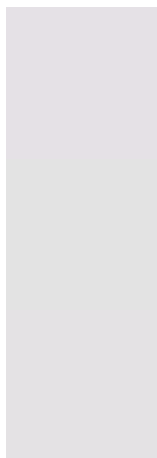
Deuteranomaly

76.0077, 0.3196, 0.3187

Tritanomaly

76.2487, 0.3085, 0.3154

Monochromacy



Original Color

76.2216, 0.3123, 0.3237

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4881, 0.3128, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2216, 0.3123, 0.3237 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, 225, 230) looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 230)  
}
```

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, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 230) }
```

Border

The CSS property to change the border of an element to Yxy 76.2216, 0.3123, 0.3237 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, 225, 230) }
```

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

```
.border{ border-color:rgb(229, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2216, 0.3123, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 230) }
```

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

```
.background{ background-color: rgb(229,  
225, 230) }
```

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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