

Converting Colors

$Yxy(69.8276, 0.3158, 0.3126)$

Have a look what the booklet for
Yxy(69.8276, 0.3158, 0.3126)
contains.

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Color

Yxy(69.6773, 0.3157, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	E7D4E4
RGB	231, 212, 228
RGB Percent	91%, 83%, 89%
CMY	0.0941, 0.1686, 0.1058
CMYK	0.00, 0.08, 0.01, 0.09
HSL	309°, 28%, 87%
HSV	309°, 8%, 91%
XYZ	70.5036, 69.6773, 83.1438
YIQ	219.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

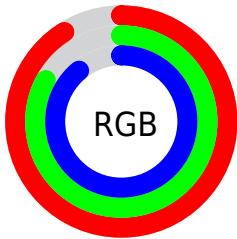
Format	Color
R _Y B	231, 212, 228
Decimal	15193316
CIE Lab	86.84, 9.34, -5.50
CIE LCh	87, 10.842, 329.535
Yxy	69.6773, 0.3157, 0.3120
Android (android.graphics.Color)	4293383396 (0xFFE7D4E4)
YUV	219.5050, 4.1880, 10.0811
Hunter-Lab	83.4729, 4.6885, -0.6252

Details

The Yxy color $69.6773, 0.3157, 0.3120$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76.0552, 0.3099, 0.3466$, and the grayscale version is $71.1768, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.2450, 0.3157, 0.3069$ is the 20% darker color. If you saturate the color by 10%, you get $58.7459, 0.3198, 0.2907$, and if you desaturate by 10%, it is $82.2712, 0.3121, 0.3326$.

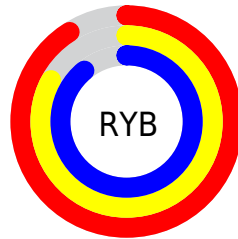
Distribution



Red (91%)

Green (83%)

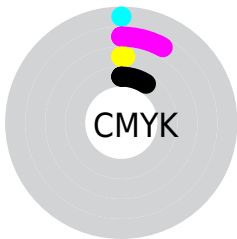
Blue (89%)



Red (91%)

Yellow (83%)

Blue (89%)

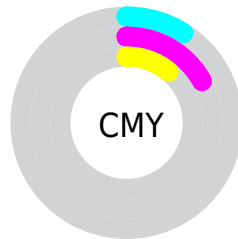


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6773, 0.3157, 0.3120 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 69.6773, 0.3157, 0.3120 by changing the saturation by 10% instead.


 69.6773, 0.3157,
0.3120

 69.6773, 0.3157,
0.3120


459.4161, 0.3144,
0.3198

 51.2635, 0.3160,
0.3102


118.7484, 0.3152,
0.3147

 36.4184, 0.3164,
0.3080

150.1746, 0.3151,
0.3158

 24.7575, 0.3168,
0.3052


186.7070, 0.3149,
0.3167

 15.8965, 0.3174,
0.3016

228.7300, 0.3148,
0.3175

 9.4509, 0.3182,
0.2967

276.6280, 0.3147,
0.3182

 5.0364, 0.3192,
0.2896

330.7854, 0.3145,

 2.2687, 0.3208,

0.3188

0.2786

391.5867, 0.3144,
0.3193

0.7570, 0.3240,
0.2576

0.0000, 0.0000,
0.0000

69.6773, 0.3157,
0.3120

69.6773, 0.3157,
0.3120

58.7459, 0.3198,
0.2907

82.2712, 0.3121,
0.3326

49.3980, 0.3245,
0.2690

94.5228, 0.3091,
0.3489

41.5620, 0.3296,
0.2479

94.7350, 0.3071,
0.3452

35.1568, 0.3353,
0.2280

94.9514, 0.3051,
0.3415

30.0943, 0.3412,
0.2104

95.1722, 0.3030,
0.3378

26.2760, 0.3473,
0.1961

95.3973, 0.3010,
0.3342

23.5904, 0.3534,
0.1859

95.6267, 0.2990,
0.3305

21.9058, 0.3593,
0.1803

95.7290, 0.2982,
0.3290

21.0352, 0.3648,
0.1789

Harmonies

Analogous

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



69.6773, 0.3025, 0.3070



69.6773, 0.3157, 0.3120



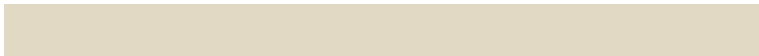
69.6773, 0.3283, 0.3213

Triad

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



69.6773, 0.3157, 0.3120



69.6773, 0.3335, 0.3506



69.6773, 0.2892, 0.3245

Complementary

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



69.6773, 0.3157, 0.3120



76.0552, 0.3099, 0.3466

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.



69.6773, 0.2971, 0.3367



69.6773, 0.3157, 0.3120



69.6773, 0.3226, 0.3520

Square

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



69.6773, 0.3157, 0.3120



69.6773, 0.3387, 0.3434



69.6773, 0.3093, 0.3469



69.6773, 0.2874, 0.3139

Rectangle

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



69.6773, 0.3157, 0.3120



69.6773, 0.3347, 0.3288



69.6773, 0.3093, 0.3469



69.6773, 0.2912, 0.3286

Sweetspot

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



69.6803, 0.3157, 0.3120



96.7376, 0.3134, 0.3249



67.2833, 0.3020, 0.3082



20.7400, 0.3134, 0.3251



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.



69.6803, 0.3157, 0.3120



84.5405, 0.3164, 0.3081



69.1741, 0.3222, 0.3219



14.5743, 0.3162, 0.3094



11.7415, 0.3649, 0.1784



0.8782, 0.3575, 0.1743

Inverse Universe

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



69.6803, 0.3157, 0.3120



84.5405, 0.3164, 0.3081



76.5506, 0.3041, 0.3362



14.5743, 0.3162, 0.3094



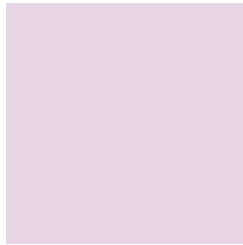
11.7415, 0.3649, 0.1784



0.8782, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 69.6773, 0.3157, 0.3120 looks on a white background.

Color Contrast Check

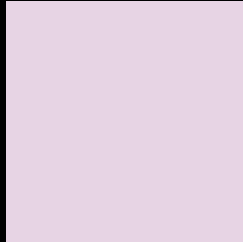
Large Text (above 18pt) WCAG AA × Fail

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 69.6773, 0.3157, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

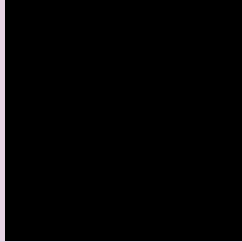
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

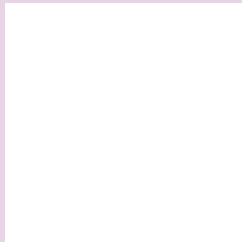
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6773, 0.3157, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 69.6773, 0.3157, 0.3120.

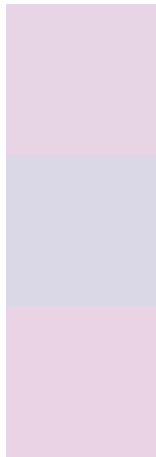


This preview shows how white text looks on a background with the Yxy color 69.6773, 0.3157, 0.3120.

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

69.6773, 0.3157, 0.3120

Protanopia

69.7867, 0.3042, 0.3127

Deuteranopia

69.6824, 0.3180, 0.3111



Tritanopia

69.7330, 0.3150, 0.3110

Trichromacy



Original Color

69.6773, 0.3157, 0.3120

Protanomaly

70.0020, 0.3084, 0.3129

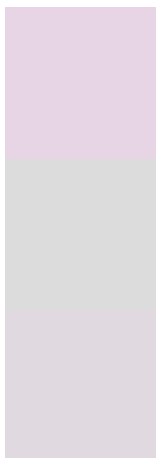
Deuteranomaly

69.5136, 0.3172, 0.3110

Tritanomaly

69.7330, 0.3150, 0.3110

Monochromacy



Original Color

69.6773, 0.3157, 0.3120

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8007, 0.3137, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6773, 0.3157, 0.3120 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(231, 212, 228)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 228)  
}
```

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(231, 212, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 228) }
```

Border

The CSS property to change the border of an element to Yxy 69.6773, 0.3157, 0.3120 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(231, 212, 228) }
```

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

```
.border{ border-color:rgb(231, 212, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 228);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6773, 0.3157, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 228) }
```

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

```
.background{ background-color: rgb(231,  
212, 228) }
```

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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