

Converting Colors

Yxy(69.0183, 0.3173, 0.3100)

Have a look what the booklet for
Yxy(69.0183, 0.3173, 0.3100)
contains.

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Color

Yxy(69.0183, 0.3173, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	E9D2E4
RGB	233, 210, 228
RGB Percent	91%, 82%, 89%
CMY	0.0864, 0.1764, 0.1060
CMYK	0.00, 0.10, 0.02, 0.09
HSL	313°, 34%, 87%
HSV	313°, 10%, 91%
XYZ	70.6436, 69.0183, 82.9778
YIQ	218.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

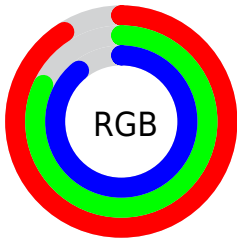
Format	Color
R _Y B	233, 210, 228
Decimal	15323876
CIE Lab	86.51, 11.05, -5.94
CIE LCh	87, 12.540, 331.748
Yxy	69.0183, 0.3173, 0.3100
Android (android.graphics.Color)	4293513956 (0xFFE9D2E4)
YUV	218.9290, 4.4720, 12.3403
Hunter-Lab	83.0773, 6.3998, -1.0650

Details

The Yxy color **69.0183, 0.3173, 0.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8716, 0.3084, 0.3488**, and the grayscale version is **70.7496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1412, 0.3177, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **58.0641, 0.3227, 0.2900**, and if you desaturate by 10%, it is **81.6613, 0.3127, 0.3293**.

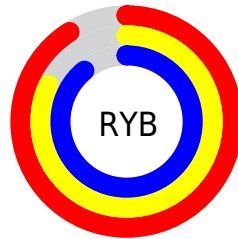
Distribution



Red (91%)

Green (82%)

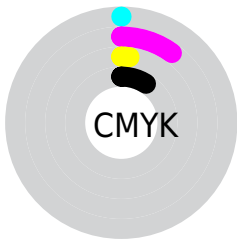
Blue (89%)



Red (91%)

Yellow (82%)

Blue (89%)

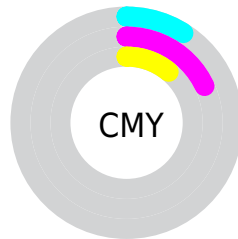


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0183, 0.3173, 0.3100 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 69.0183, 0.3173, 0.3100 by changing the saturation by 10% instead.


 69.0183, 0.3173,
0.3100

 69.0183, 0.3173,
0.3100

457.0955, 0.3152,
0.3188

 50.7266, 0.3178,
0.3080

117.8077, 0.3166,
0.3130

 35.9911, 0.3183,
0.3056

149.0742, 0.3163,
0.3142

 24.4273, 0.3190,
0.3025


185.4345, 0.3161,
0.3152

 15.6509, 0.3200,
0.2984

227.2729, 0.3159,
0.3161

 9.2775, 0.3212,
0.2929

274.9737, 0.3157,
0.3169

 4.9226, 0.3229,
0.2850

328.9216, 0.3155,

 2.2019, 0.3255,

0.3176

0.2728

389.5007, 0.3154,
0.3182

0.7210, 0.3310,
0.2486

0.0000, 0.0000,
0.0000

69.0183, 0.3173,
0.3100

69.0183, 0.3173,
0.3100

58.0641, 0.3227,
0.2900

81.6613, 0.3127,
0.3293

48.7176, 0.3289,
0.2697

95.0181, 0.3087,
0.3459

40.9045, 0.3359,
0.2499

95.3206, 0.3059,
0.3408

34.5410, 0.3436,
0.2314

95.6315, 0.3031,
0.3357

■ 29.5353, 0.3518,
0.2152

■ 95.9509, 0.3002,
0.3306

■ 25.7853, 0.3605,
0.2023

■ 96.0584, 0.2993,
0.3290

■ 23.1741, 0.3692,
0.1937

■ 21.5628, 0.3778,
0.1898

■ 20.7176, 0.3860,
0.1900

Harmonies

Analogous

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



69.0183, 0.3019, 0.3038



69.0183, 0.3173, 0.3100



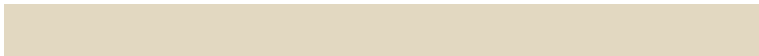
69.0183, 0.3318, 0.3210

Triad

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



69.0183, 0.3173, 0.3100



69.0183, 0.3360, 0.3545



69.0183, 0.2851, 0.3227

Complementary

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



69.0183, 0.3173, 0.3100



76.8716, 0.3084, 0.3488

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.



69.0183, 0.2938, 0.3370



69.0183, 0.3173, 0.3100



69.0183, 0.3231, 0.3556

Square

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



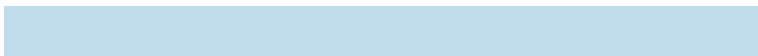
69.0183, 0.3173, 0.3100



69.0183, 0.3427, 0.3464



69.0183, 0.3076, 0.3492



69.0183, 0.2836, 0.3107

Rectangle

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



69.0183, 0.3173, 0.3100



69.0183, 0.3388, 0.3297



69.0183, 0.3076, 0.3492



69.0183, 0.2872, 0.3274

Sweetspot

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



69.0213, 0.3173, 0.3100



95.1090, 0.3140, 0.3233



66.4302, 0.3009, 0.3038



20.0845, 0.3144, 0.3217



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.



69.0213, 0.3173, 0.3100



81.5851, 0.3184, 0.3056



68.4062, 0.3254, 0.3221



15.2544, 0.3171, 0.3108



11.7723, 0.3849, 0.1894



0.9383, 0.3742, 0.1835

Inverse Universe

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



69.0213, 0.3173, 0.3100



81.5851, 0.3184, 0.3056



77.4813, 0.3015, 0.3360



15.2544, 0.3171, 0.3108



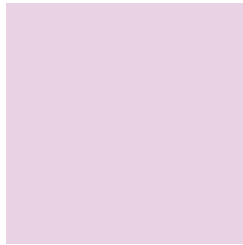
11.7723, 0.3849, 0.1894



0.9383, 0.3742, 0.1835

Previews

White Background



This preview shows how the Yxy color 69.0183, 0.3173, 0.3100 looks on a white background.

Color Contrast Check

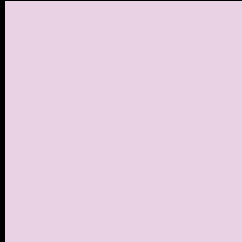
Large Text (above 18pt) WCAG AA × Fail

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 69.0183, 0.3173, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

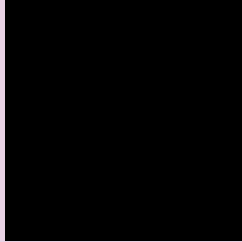
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0183, 0.3173, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 69.0183, 0.3173, 0.3100.

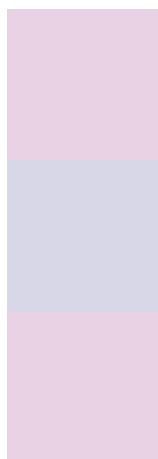


This preview shows how white text looks on a background with the Yxy color 69.0183, 0.3173, 0.3100.

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

69.0183, 0.3173, 0.3100

Protanopia

68.9693, 0.3028, 0.3115

Deuteranopia

68.8504, 0.3166, 0.3099



Tritanopia

68.9629, 0.3180, 0.3110

Trichromacy



Original Color

69.0183, 0.3173, 0.3100

Protanomaly

68.8313, 0.3078, 0.3106

Deuteranomaly

68.8504, 0.3166, 0.3099

Tritanomaly

68.9629, 0.3180, 0.3110

Monochromacy



Original Color

69.0183, 0.3173, 0.3100

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2330, 0.3145, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0183, 0.3173, 0.3100 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(233, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(233, 210, 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(233, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 210, 228) }
```

Border

The CSS property to change the border of an element to Yxy 69.0183, 0.3173, 0.3100 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(233, 210, 228) }
```

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

```
.border{ border-color:rgb(233, 210, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 210, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 210, 228);  
box-shadow:4px 4px 4px 4px rgb(233, 210,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0183, 0.3173, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 210, 228) }
```

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

```
.background{ background-color: rgb(233,  
210, 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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