

Converting Colors

Yxy(66.8488, 0.3074, 0.3088)

Have a look what the booklet for
Yxy(66.8488, 0.3074, 0.3088)
contains.

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Color

Yxy(66.9103, 0.3078, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	DCD2E4
RGB	220, 210, 228
RGB Percent	86%, 82%, 89%
CMY	0.1372, 0.1764, 0.1060
CMYK	0.03, 0.08, 0.00, 0.11
HSL	273°, 25%, 86%
HSV	273°, 8%, 89%
XYZ	66.5643, 66.9103, 82.7837
YIQ	215.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

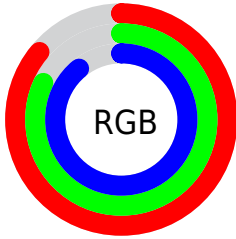
Format	Color
R _Y B	220, 210, 228
Decimal	14471908
CIE Lab	85.46, 6.70, -7.61
CIE LCh	85, 10.140, 311.357
Yxy	66.9103, 0.3078, 0.3094
Android (android.graphics.Color)	4292661988 (0xFFDCD2E4)
YUV	215.0420, 6.3883, 4.3482
Hunter-Lab	81.7987, 2.1079, -2.7448

Details

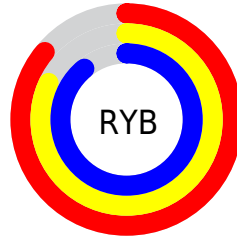
The Yxy color **66.9103, 0.3078, 0.3094** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0246, 0.3173, 0.3487**, and the grayscale version is **67.9425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7934, 0.3062, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **54.9175, 0.3006, 0.2828**, and if you desaturate by 10%, it is **80.6075, 0.3139, 0.3341**.

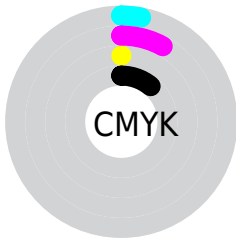
Distribution



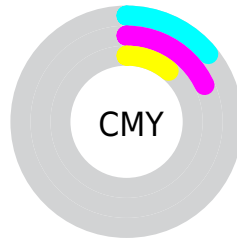
- Red (86%)
- Green (82%)
- Blue (89%)



- Red (86%)
- Yellow (82%)
- Blue (89%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9103, 0.3078, 0.3094 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 66.9103, 0.3078, 0.3094 by changing the saturation by 10% instead.

66.9103, 0.3078,
0.3094

66.9103, 0.3078,
0.3094

449.6254, 0.3102,
0.3185

49.0117, 0.3072,
0.3073

114.7919, 0.3086,
0.3126

34.6288, 0.3065,
0.3047

145.5437, 0.3090,
0.3138

23.3771, 0.3056,
0.3015

181.3487, 0.3092,
0.3148

14.8722, 0.3044,
0.2972

222.5912, 0.3095,
0.3158

8.7297, 0.3027,
0.2913

269.6558, 0.3097,
0.3166

4.5653, 0.3001,
0.2828

322.9268, 0.3099,

1.9946, 0.2958,

0.3173

0.2693

382.7885, 0.3100,
0.3179

0.6043, 0.2893,
0.2369

0.0000, 0.0000,
0.0000

66.9103, 0.3078,
0.3094

66.9103, 0.3078,
0.3094

54.9175, 0.3006,
0.2828

80.6075, 0.3139,
0.3341

44.5515, 0.2922,
0.2546

95.6823, 0.3191,
0.3560

35.7411, 0.2826,
0.2256

97.5017, 0.3256,
0.3555

28.4065, 0.2720,
0.1966

98.3799, 0.3286,
0.3552

■ 22.4607, 0.2606,
0.1689

■ 17.8071, 0.2486,
0.1439

■ 14.3362, 0.2367,
0.1229

■ 11.9197, 0.2253,
0.1070

■ 10.3803, 0.2148,
0.0964

Harmonies

Analogous

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



66.9103, 0.2966, 0.3078



66.9103, 0.3078, 0.3094



66.9103, 0.3205, 0.3160

Triad

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



66.9103, 0.3078, 0.3094



66.9103, 0.3362, 0.3459



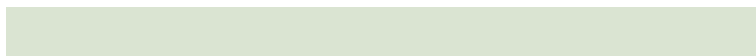
66.9103, 0.2944, 0.3318

Complementary

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



66.9103, 0.3078, 0.3094



75.0246, 0.3173, 0.3487

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.



66.9103, 0.3047, 0.3426



66.9103, 0.3078, 0.3094



66.9103, 0.3288, 0.3507

Square

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



66.9103, 0.3078, 0.3094



66.9103, 0.3371, 0.3368



66.9103, 0.3173, 0.3496



66.9103, 0.2890, 0.3205

Rectangle

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



66.9103, 0.3078, 0.3094



66.9103, 0.3282, 0.3223



66.9103, 0.3173, 0.3496



66.9103, 0.2974, 0.3357

Sweetspot

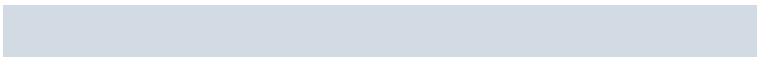
The Sweet Spot groups the original color and five complimentary colors.



66.9132, 0.3078, 0.3094



96.3630, 0.3115, 0.3241



69.4919, 0.3006, 0.3180



20.6638, 0.3116, 0.3244



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.



66.9132, 0.3078, 0.3094



84.3436, 0.3070, 0.3064



68.1353, 0.3142, 0.3107



14.2810, 0.3067, 0.3053



5.9105, 0.2141, 0.0953



0.4916, 0.2290, 0.1035

Inverse Universe

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



67.6453, 0.3206, 0.3204



85.4253, 0.3219, 0.3191



73.8719, 0.3112, 0.3480



14.4736, 0.3223, 0.3186



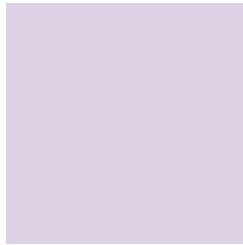
10.0900, 0.5194, 0.2635



0.7641, 0.4832, 0.2436

Previews

White Background



This preview shows how the Yxy color 66.9103, 0.3078, 0.3094 looks on a white background.

Color Contrast Check

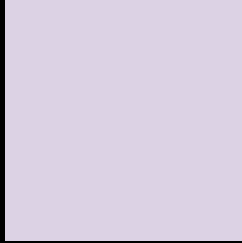
Large Text (above 18pt) WCAG AA × Fail

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 66.9103, 0.3078, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

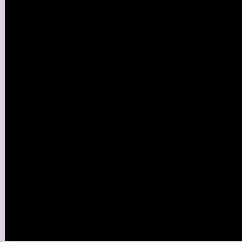
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

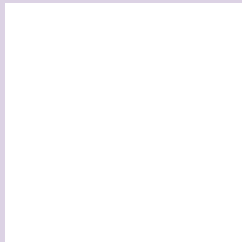
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9103, 0.3078, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 66.9103, 0.3078, 0.3094.

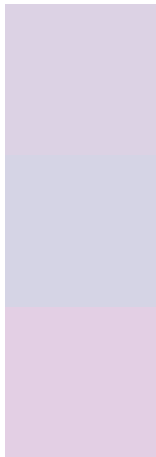


This preview shows how white text looks on a background with the Yxy color 66.9103, 0.3078, 0.3094.

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

66.9103, 0.3078, 0.3094

Protanopia

66.8902, 0.3020, 0.3102

Deuteranopia

66.5580, 0.3130, 0.3064



Tritanopia

66.8549, 0.3084, 0.3104

Trichromacy



Original Color

66.9103, 0.3078, 0.3094

Protanomaly

66.8446, 0.3042, 0.3092

Deuteranomaly

66.5605, 0.3108, 0.3074

Tritanomaly

66.8549, 0.3084, 0.3104

Monochromacy



Original Color

66.9103, 0.3078, 0.3094

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5075, 0.3109, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9103, 0.3078, 0.3094 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(220, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 228) }
```

Border

The CSS property to change the border of an element to Yxy 66.9103, 0.3078, 0.3094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

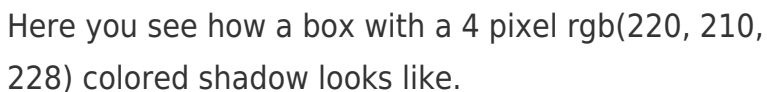
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 210, 228) }
```

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

```
.border{ border-color:rgb(220, 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(220, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 210, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 210, 228); box-shadow:4px 4px 4px 4px rgb(220, 210, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9103, 0.3078, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 228) }
```

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

```
.background{ background-color: rgb(220,  
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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