

Converting Colors

$Yxy(69.2976, 0.3093, 0.3175)$

Have a look what the booklet for
Yxy(69.2976, 0.3093, 0.3175)
contains.

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Color

Yxy(69.3075, 0.3090, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	DCD7E2
RGB	220, 215, 226
RGB Percent	86%, 84%, 89%
CMY	0.1370, 0.1569, 0.1137
CMYK	0.03, 0.05, 0.00, 0.11
HSL	268°, 16%, 86%
HSV	268°, 5%, 89%
XYZ	67.5584, 69.3075, 81.7697
YIQ	217.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

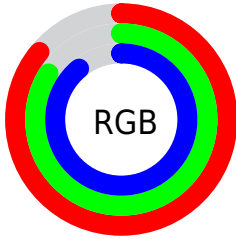
Format	Color
R _{YB}	220, 215, 226
Decimal	14473186
CIE Lab	86.66, 3.74, -4.80
CIE LCh	87, 6.083, 307.920
Yxy	69.3075, 0.3090, 0.3170
Android (android.graphics.Color)	4292663266 (0xFFD7E2)
YUV	217.7490, 4.0677, 1.9741
Hunter-Lab	83.2511, -0.8365, 0.0408

Details

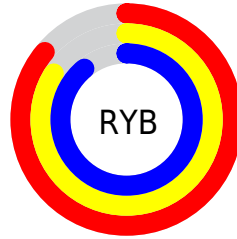
The Yxy color **69.3075, 0.3090, 0.3170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6593, 0.3163, 0.3410**, and the grayscale version is **69.9086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0812, 0.3078, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **56.7543, 0.3004, 0.2907**, and if you desaturate by 10%, it is **83.5947, 0.3163, 0.3410**.

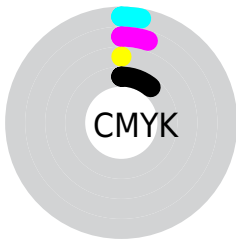
Distribution



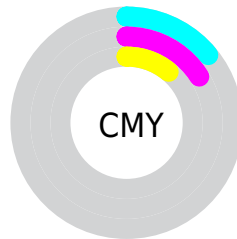
- Red (86%)
- Green (84%)
- Blue (89%)



- Red (86%)
- Yellow (84%)
- Blue (89%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3075, 0.3090, 0.3170 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 69.3075, 0.3090, 0.3170 by changing the saturation by 10% instead.

■ 69.3075, 0.3090,
0.3170

■ 69.3075, 0.3090,
0.3170

458.1148, 0.3108,
0.3226

■ 50.9622, 0.3086,
0.3157

118.2207, 0.3096,
0.3189

■ 36.1785, 0.3081,
0.3141

149.5573, 0.3099,
0.3197

■ 24.5721, 0.3074,
0.3121

185.9932, 0.3101,
0.3203

■ 15.7585, 0.3066,
0.3095

227.9127, 0.3102,
0.3209

■ 9.3535, 0.3054,
0.3059

275.7002, 0.3104,
0.3214

■ 4.9724, 0.3036,
0.3007

329.7401, 0.3105,

■ 2.2311, 0.3007,

0.3218

0.2924

390.4168, 0.3106,
0.3222

0.7369, 0.2957,
0.2753

0.0000, 0.0000,
0.0000

69.3075, 0.3090,
0.3170

69.3075, 0.3090,
0.3170

56.7543, 0.3004,
0.2907

83.5947, 0.3163,
0.3410

45.8586, 0.2905,
0.2624

96.3181, 0.3229,
0.3578

36.5510, 0.2791,
0.2327

98.2712, 0.3298,
0.3572

28.7540, 0.2665,
0.2023

■ 22.3830, 0.2529,
0.1725

■ 17.3451, 0.2388,
0.1449

■ 13.5358, 0.2247,
0.1209

■ 10.8342, 0.2114,
0.1021

■ 9.0928, 0.1994,
0.0891

Harmonies

Analogous

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



69.3075, 0.3025, 0.3165



69.3075, 0.3090, 0.3170



69.3075, 0.3165, 0.3206

Triad

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



69.3075, 0.3090, 0.3170



69.3075, 0.3268, 0.3386



69.3075, 0.3024, 0.3315

Complementary

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



69.3075, 0.3090, 0.3170



74.6593, 0.3163, 0.3410

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.



69.3075, 0.3088, 0.3376



69.3075, 0.3090, 0.3170



69.3075, 0.3229, 0.3417

Square

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



69.3075, 0.3090, 0.3170



69.3075, 0.3269, 0.3330



69.3075, 0.3163, 0.3414



69.3075, 0.2987, 0.3248

Rectangle

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



69.3075, 0.3090, 0.3170



69.3075, 0.3212, 0.3243



69.3075, 0.3163, 0.3414



69.3075, 0.3043, 0.3337

Sweetspot

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



69.3105, 0.3090, 0.3170



98.1242, 0.3120, 0.3266



71.6724, 0.3052, 0.3236



21.0224, 0.3120, 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.



69.3105, 0.3090, 0.3170



89.0942, 0.3081, 0.3141



70.1644, 0.3129, 0.3172



14.3310, 0.3076, 0.3126



4.8904, 0.1954, 0.0850



0.3918, 0.2126, 0.0945

Inverse Universe

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



69.9783, 0.3167, 0.3226



90.1773, 0.3177, 0.3210



73.8282, 0.3125, 0.3411



14.5233, 0.3182, 0.3203



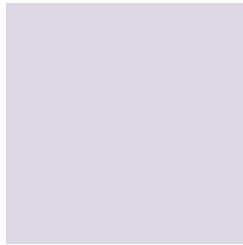
10.0461, 0.4789, 0.2412



0.7144, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 69.3075, 0.3090, 0.3170 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 69.3075, 0.3090, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

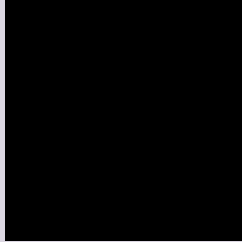
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

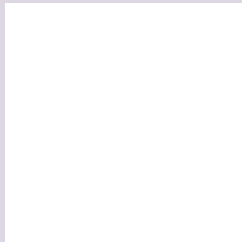
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3075, 0.3090, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 69.3075, 0.3090, 0.3170.

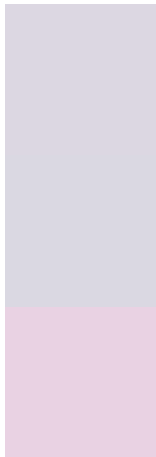


This preview shows how white text looks on a background with the Yxy color 69.3075, 0.3090, 0.3170.

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

69.3075, 0.3090, 0.3170

Protanopia

69.5081, 0.3075, 0.3181

Deuteranopia

68.9629, 0.3180, 0.3110



Tritanopia

69.2348, 0.3064, 0.3106

Trichromacy



Original Color

69.3075, 0.3090, 0.3170

Protanomaly

69.6628, 0.3082, 0.3181

Deuteranomaly

69.1270, 0.3142, 0.3129

Tritanomaly

69.1224, 0.3077, 0.3127

Monochromacy



Original Color

69.3075, 0.3090, 0.3170

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9062, 0.3115, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3075, 0.3090, 0.3170 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, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 226)  
}
```

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, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 226) }
```

Border

The CSS property to change the border of an element to Yxy 69.3075, 0.3090, 0.3170 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, 215, 226) }
```

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

```
.border{ border-color:rgb(220, 215, 226) }
```

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

Here you see how a box with a 4 pixel rgb(220, 215, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3075, 0.3090, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 226) }
```

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

```
.background{ background-color: rgb(220,  
215, 226) }
```

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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