

Converting Colors

Yxy(69.3931, 0.3147, 0.3222)

Have a look what the booklet for
Yxy(69.3931, 0.3147, 0.3222)
contains.

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Color

Yxy(69.5093, 0.3145, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	DFD7DD
RGB	223, 215, 221
RGB Percent	87%, 84%, 87%
CMY	0.1254, 0.1569, 0.1334
CMYK	0.00, 0.04, 0.01, 0.13
HSL	315°, 11%, 86%
HSV	315°, 4%, 87%
XYZ	67.7850, 69.5093, 78.2384
YIQ	218.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

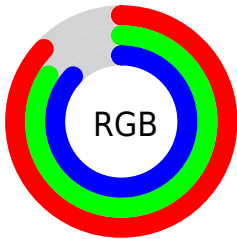
Format	Color
R _Y B	223, 215, 221
Decimal	14669789
CIE Lab	86.76, 3.81, -1.97
CIE LCh	87, 4.288, 332.628
Yxy	69.5093, 0.3145, 0.3225
Android (android.graphics.Color)	4292859869 (0xFFDFD7DD)
YUV	218.0760, 1.4415, 4.3183
Hunter-Lab	83.3722, -0.7736, 2.7215

Details

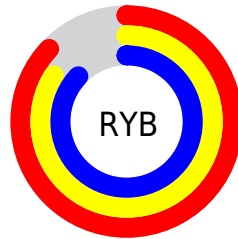
The Yxy color **69.5093, 0.3145, 0.3225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2442, 0.3110, 0.3356**, and the grayscale version is **70.1572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2196, 0.3150, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **58.6213, 0.3200, 0.3038**, and if you desaturate by 10%, it is **81.9617, 0.3098, 0.3402**.

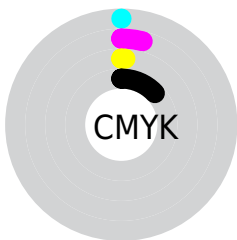
Distribution



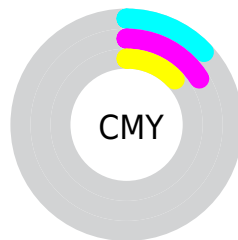
- Red (87%)
- Green (84%)
- Blue (87%)



- Red (87%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5093, 0.3145, 0.3225 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 69.5093, 0.3145, 0.3225 by changing the saturation by 10% instead.

■ 69.5093, 0.3145,
0.3225

■ 69.5093, 0.3145,
0.3225

458.8252, 0.3137,
0.3255

■ 51.1266, 0.3147,
0.3218

118.5087, 0.3142,
0.3236

■ 36.3094, 0.3149,
0.3209

149.8942, 0.3141,
0.3240

■ 24.6732, 0.3152,
0.3198

186.3828, 0.3140,
0.3243

■ 15.8338, 0.3156,
0.3184

228.3588, 0.3139,
0.3246

■ 9.4066, 0.3161,
0.3164

276.2066, 0.3139,
0.3249

■ 5.0073, 0.3169,
0.3136

330.3107, 0.3138,

■ 2.2516, 0.3181,

0.3251

0.3090

391.0554, 0.3137,
0.3253

0.7479, 0.3210,
0.2987

0.0000, 0.0000,
0.0000

69.5093, 0.3145,
0.3225

69.5093, 0.3145,
0.3225

58.6213, 0.3200,
0.3038

81.9617, 0.3098,
0.3402

49.2263, 0.3265,
0.2846

93.0544, 0.3059,
0.3523

41.2608, 0.3339,
0.2652

93.3818, 0.3028,
0.3464

34.6532, 0.3423,
0.2466

93.7197, 0.2996,
0.3405

■ 29.3259, 0.3515,
0.2294

■ 94.0681, 0.2966,
0.3347

■ 25.1931, 0.3614,
0.2149

■ 94.4272, 0.2935,
0.3290

■ 22.1586, 0.3718,
0.2041

■ 94.4309, 0.2935,
0.3289

■ 20.1114, 0.3822,
0.1976

■ 18.9167, 0.3924,
0.1961

Harmonies

Analogous

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



69.5093, 0.3092, 0.3203



69.5093, 0.3145, 0.3225



69.5093, 0.3193, 0.3264

Triad

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



69.5093, 0.3145, 0.3225



69.5093, 0.3206, 0.3377



69.5093, 0.3031, 0.3269

Complementary

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



69.5093, 0.3145, 0.3225



72.2442, 0.3110, 0.3356

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.



69.5093, 0.3061, 0.3316



69.5093, 0.3145, 0.3225



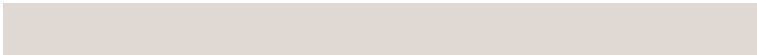
69.5093, 0.3162, 0.3379

Square

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



69.5093, 0.3145, 0.3225



69.5093, 0.3229, 0.3352



69.5093, 0.3109, 0.3357



69.5093, 0.3027, 0.3227

Rectangle

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



69.5093, 0.3145, 0.3225



69.5093, 0.3217, 0.3295



69.5093, 0.3109, 0.3357



69.5093, 0.3039, 0.3284

Sweetspot

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



69.5123, 0.3145, 0.3225



98.3422, 0.3132, 0.3272



68.6831, 0.3088, 0.3202



21.0667, 0.3132, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

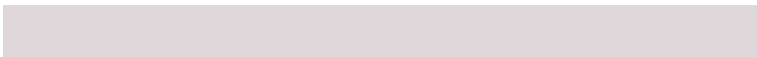
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5123, 0.3145, 0.3225



93.4983, 0.3147, 0.3217



69.3028, 0.3172, 0.3268



15.0308, 0.3151, 0.3204



10.8710, 0.3973, 0.1962



0.7677, 0.3830, 0.1883

Inverse Universe

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



69.5123, 0.3145, 0.3225



93.4983, 0.3147, 0.3217



72.4538, 0.3084, 0.3312



15.0308, 0.3151, 0.3204



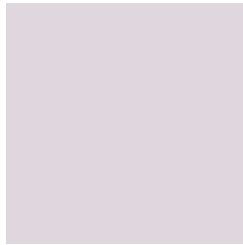
10.8710, 0.3973, 0.1962



0.7677, 0.3830, 0.1883

Previews

White Background



This preview shows how the Yxy color 69.5093, 0.3145, 0.3225 looks on a white background.

Color Contrast Check

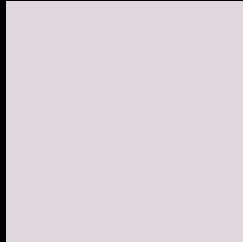
Large Text (above 18pt) WCAG AA × Fail

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 69.5093, 0.3145, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

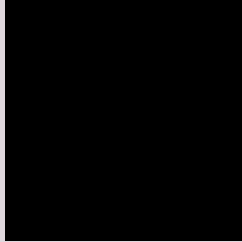
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

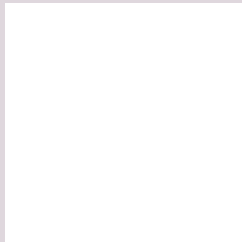
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5093, 0.3145, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 69.5093, 0.3145, 0.3225.

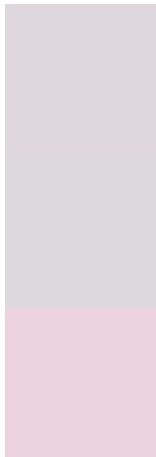


This preview shows how white text looks on a background with the Yxy color 69.5093, 0.3145, 0.3225.

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

69.5093, 0.3145, 0.3225

Protanopia

69.6013, 0.3116, 0.3224

Deuteranopia

69.2000, 0.3238, 0.3163



Tritanopia

69.6536, 0.3092, 0.3118

Trichromacy



Original Color

69.5093, 0.3145, 0.3225

Protanomaly

69.7578, 0.3123, 0.3225

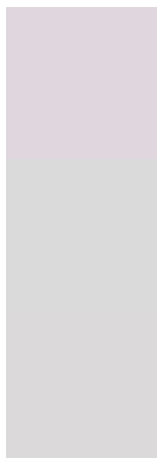
Deuteranomaly

69.3498, 0.3199, 0.3183

Tritanomaly

69.4865, 0.3112, 0.3150

Monochromacy



Original Color

69.5093, 0.3145, 0.3225

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9558, 0.3135, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5093, 0.3145, 0.3225 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(223, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 215, 221)  
}
```

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(223, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 215, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.5093, 0.3145, 0.3225 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(223, 215, 221) }
```

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

```
.border{ border-color:rgb(223, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 215,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5093, 0.3145, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 215, 221) }
```

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

```
.background{ background-color: rgb(223,  
215, 221) }
```

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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