

Converting Colors

Yxy(69.5954, 0.3135, 0.3170)

Have a look what the booklet for
Yxy(69.5954, 0.3135, 0.3170)
contains.

Yxy(69.5369, 0.3133, 0.3171)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.5369, 0.3133, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	E1D6E1
RGB	225, 214, 225
RGB Percent	88%, 84%, 88%
CMY	0.1174, 0.1608, 0.1176
CMYK	0.00, 0.05, 0.00, 0.12
HSL	300°, 16%, 86%
HSV	300°, 5%, 88%
XYZ	68.7036, 69.5369, 81.0496
YIQ	218.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

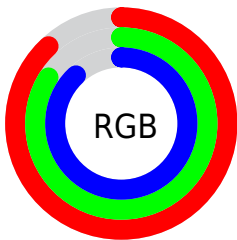
Format	Color
R _Y B	225, 214, 225
Decimal	14800609
CIE Lab	86.77, 5.76, -4.07
CIE LCh	87, 7.050, 324.756
Yxy	69.5369, 0.3133, 0.3171
Android (android.graphics.Color)	4292990689 (0xFFE1D6E1)
YUV	218.5430, 3.1833, 5.6628
Hunter-Lab	83.3888, 1.1349, 0.7453

Details

The Yxy color **69.5369, 0.3133, 0.3171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0314, 0.3121, 0.3412**, and the grayscale version is **70.4885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2446, 0.3134, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **58.9214, 0.3145, 0.2924**, and if you desaturate by 10%, it is **81.7322, 0.3121, 0.3410**.

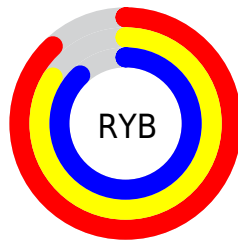
Distribution



Red (88%)

Green (84%)

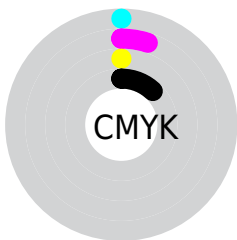
Blue (88%)



Red (88%)

Yellow (84%)

Blue (88%)

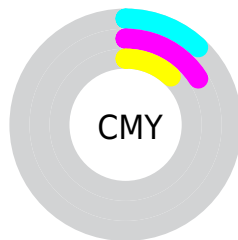


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5369, 0.3133, 0.3171 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 69.5369, 0.3133, 0.3171 by changing the saturation by 10% instead.

■ 69.5369, 0.3133,
0.3171

■ 69.5369, 0.3133,
0.3171

458.9223, 0.3131,
0.3226

■ 51.1491, 0.3134,
0.3158

118.5481, 0.3132,
0.3190

■ 36.3273, 0.3134,
0.3143

149.9403, 0.3132,
0.3198

■ 24.6871, 0.3135,
0.3123

186.4360, 0.3132,
0.3204

■ 15.8441, 0.3136,
0.3097

228.4198, 0.3131,
0.3210

■ 9.4139, 0.3137,
0.3062

276.2759, 0.3131,
0.3214

■ 5.0121, 0.3138,
0.3011

330.3887, 0.3131,

■ 2.2544, 0.3140,

0.3219

0.2930

391.1427, 0.3131,
0.3223

■ 0.7494, 0.3148,
0.2766

■ 0.0000, 0.0000,
0.0000

■ 69.5369, 0.3133,
0.3171

■ 69.5369, 0.3133,
0.3171

■ 58.9214, 0.3145,
0.2924

■ 81.7322, 0.3121,
0.3410

■ 49.8126, 0.3158,
0.2674

■ 92.9820, 0.3112,
0.3597

■ 42.1449, 0.3170,
0.2430

■ 92.9859, 0.3112,
0.3596

■ 35.8444, 0.3181,
0.2200

■ 92.9898, 0.3111,
0.3596

30.8309, 0.3192,
0.1996

92.9938, 0.3111,
0.3595

27.0156, 0.3201,
0.1825

92.9977, 0.3110,
0.3594

24.2985, 0.3208,
0.1693

93.0016, 0.3110,
0.3593

22.5635, 0.3213,
0.1606

93.0055, 0.3110,
0.3593

21.6684, 0.3216,
0.1559

93.0095, 0.3109,
0.3592

Harmonies

Analogous

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



69.5369, 0.3048, 0.3144



69.5369, 0.3133, 0.3171



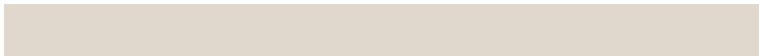
69.5369, 0.3217, 0.3229

Triad

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



69.5369, 0.3133, 0.3171



69.5369, 0.3270, 0.3426



69.5369, 0.2979, 0.3274

Complementary

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



69.5369, 0.3133, 0.3171



73.0314, 0.3121, 0.3412

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.



69.5369, 0.3037, 0.3352



69.5369, 0.3133, 0.3171



69.5369, 0.3205, 0.3440

Square

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



69.5369, 0.3133, 0.3171



69.5369, 0.3297, 0.3375



69.5369, 0.3120, 0.3414



69.5369, 0.2960, 0.3202

Rectangle

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



69.5369, 0.3133, 0.3171



69.5369, 0.3261, 0.3278



69.5369, 0.3120, 0.3414



69.5369, 0.2995, 0.3301

Sweetspot

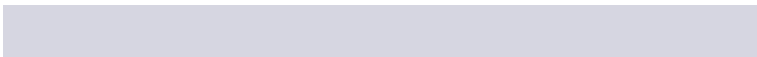
The Sweet Spot groups the original color and five complimentary colors.



69.5399, 0.3133, 0.3171



98.3833, 0.3128, 0.3266



67.8190, 0.3053, 0.3168



21.0751, 0.3128, 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.



69.5399, 0.3133, 0.3171



90.6205, 0.3134, 0.3144



69.2444, 0.3171, 0.3230



14.6021, 0.3135, 0.3130



12.3347, 0.3217, 0.1546



0.8552, 0.3216, 0.1545

Inverse Universe

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



69.5399, 0.3133, 0.3171



90.6205, 0.3134, 0.3144



73.3172, 0.3086, 0.3351



14.6021, 0.3135, 0.3130



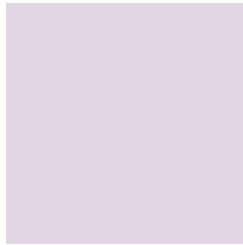
12.3347, 0.3217, 0.1546



0.8552, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 69.5369, 0.3133, 0.3171 looks on a white background.

Color Contrast Check

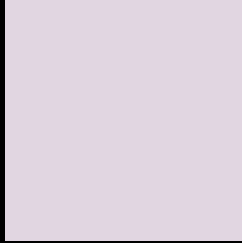
Large Text (above 18pt) WCAG AA × Fail

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 69.5369, 0.3133, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

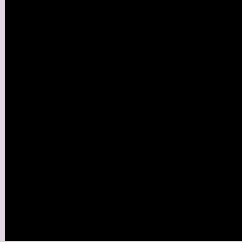
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

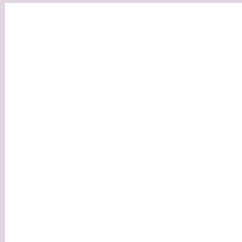
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5369, 0.3133, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 69.5369, 0.3133, 0.3171.

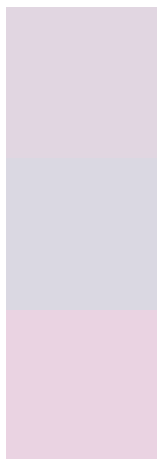


This preview shows how white text looks on a background with the Yxy color 69.5369, 0.3133, 0.3171.

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

69.5369, 0.3133, 0.3171

Protanopia

69.5081, 0.3075, 0.3181

Deuteranopia

69.5719, 0.3194, 0.3132



Tritanopia

69.4704, 0.3107, 0.3108

Trichromacy



Original Color

69.5369, 0.3133, 0.3171

Protanomaly

69.4640, 0.3097, 0.3171

Deuteranomaly

69.5669, 0.3171, 0.3141

Tritanomaly

69.3587, 0.3120, 0.3129

Monochromacy



Original Color

69.5369, 0.3133, 0.3171

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2183, 0.3129, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5369, 0.3133, 0.3171 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(225, 214, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 225)  
}
```

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(225, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 225) }
```

Border

The CSS property to change the border of an element to Yxy 69.5369, 0.3133, 0.3171 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(225, 214, 225) }
```

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

```
.border{ border-color:rgb(225, 214, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 214, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 214, 225); box-shadow:4px 4px 4px 4px rgb(225, 214, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5369, 0.3133, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 225) }
```

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

```
.background{ background-color: rgb(225,  
214, 225) }
```

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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