

Converting Colors

Yxy(69.7620, 0.3196, 0.3091)

Have a look what the booklet for
Yxy(69.7620, 0.3196, 0.3091)
contains.

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Color

Yxy(69.7549, 0.3196, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	EDD2E5
RGB	237, 210, 229
RGB Percent	93%, 82%, 90%
CMY	0.0704, 0.1765, 0.1020
CMYK	0.00, 0.11, 0.03, 0.07
HSL	318°, 43%, 88%
HSV	318°, 11%, 93%
XYZ	72.1244, 69.7549, 83.7916
YIQ	220.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

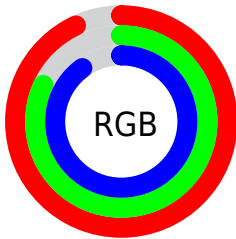
Format	Color
RYB	237, 210, 229
Decimal	15586021
CIELab	86.88, 12.62, -5.90
CIElCh	87, 13.935, 334.931
Yxy	69.7549, 0.3196, 0.3091
Android (android.graphics.Color)	4293776101 (0xFFEDD2E5)
YUV	220.2390, 4.3192, 14.6994
Hunter-Lab	83.5194, 7.9874, -1.0197

Details

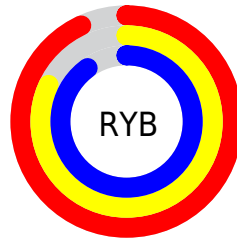
The Yxy color $69.7549, 0.3196, 0.3091$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.3563, 0.3065, 0.3498$, and the grayscale version is $71.7145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.3224, 0.3208, 0.3033$ is the 20% darker color. If you saturate the color by 10%, you get $58.5223, 0.3268, 0.2909$, and if you desaturate by 10%, it is $82.7431, 0.3135, 0.3266$.

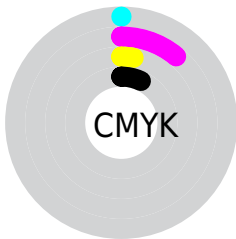
Distribution



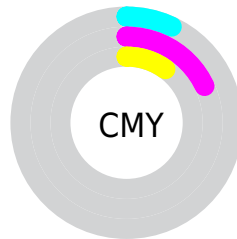
- Red (93%)
- Green (82%)
- Blue (90%)



- Red (93%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (7%)




- Cyan (7%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7549, 0.3196, 0.3091 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 69.7549, 0.3196, 0.3091 by changing the saturation by 10% instead.


 69.7549, 0.3196,
0.3091

 69.7549, 0.3196,
0.3091

459.6889, 0.3165,
0.3182

 51.3267, 0.3203,
0.3070

118.8592, 0.3185,
0.3123

 36.4687, 0.3212,
0.3045


150.3041, 0.3181,
0.3135

 24.7964, 0.3223,
0.3013


186.8566, 0.3177,
0.3146

 15.9254, 0.3237,
0.2971

228.9013, 0.3174,
0.3155

 9.4714, 0.3256,
0.2914

276.8225, 0.3171,
0.3163

 5.0499, 0.3283,
0.2833

331.0046, 0.3169,

 2.2766, 0.3324,

0.3170

0.2707

391.8319, 0.3167,
0.3177

0.7613, 0.3401,
0.2474

0.0000, 0.0000,
0.0000

69.7549, 0.3196,
0.3091

69.7549, 0.3196,
0.3091

58.5223, 0.3268,
0.2909

82.7431, 0.3135,
0.3266

48.9601, 0.3351,
0.2725

96.0083, 0.3084,
0.3408

40.9894, 0.3447,
0.2545

96.4424, 0.3045,
0.3338

34.5217, 0.3554,
0.2377

96.7516, 0.3018,
0.3290

■ 29.4596, 0.3671,
0.2233

■ 25.6940, 0.3795,
0.2123

■ 23.1001, 0.3922,
0.2057

■ 21.5279, 0.4048,
0.2041

■ 20.7865, 0.4153,
0.2062

Harmonies

Analogous

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



69.7549, 0.3024, 0.3016



69.7549, 0.3196, 0.3091



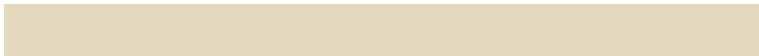
69.7549, 0.3353, 0.3216

Triad

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



69.7549, 0.3196, 0.3091



69.7549, 0.3373, 0.3577



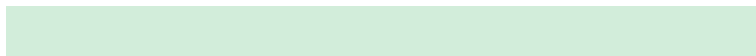
69.7549, 0.2816, 0.3204

Complementary

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



69.7549, 0.3196, 0.3091



79.3563, 0.3065, 0.3498

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.



69.7549, 0.2904, 0.3361



69.7549, 0.3196, 0.3091



69.7549, 0.3224, 0.3582

Square

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



69.7549, 0.3196, 0.3091



69.7549, 0.3456, 0.3495



69.7549, 0.3053, 0.3502



69.7549, 0.2808, 0.3076

Rectangle

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



69.7549, 0.3196, 0.3091



69.7549, 0.3426, 0.3313



69.7549, 0.3053, 0.3502



69.7549, 0.2837, 0.3255

Sweetspot

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



69.7579, 0.3196, 0.3091



95.0702, 0.3144, 0.3239



67.0583, 0.3001, 0.2997



20.0740, 0.3149, 0.3225



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.



69.7579, 0.3196, 0.3091



78.6351, 0.3214, 0.3043



69.0509, 0.3289, 0.3228



15.2330, 0.3183, 0.3126



11.3684, 0.4134, 0.2051



0.9095, 0.3975, 0.1963

Inverse Universe

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



69.7579, 0.3196, 0.3091



78.6351, 0.3214, 0.3043



80.0724, 0.2986, 0.3353



15.2330, 0.3183, 0.3126



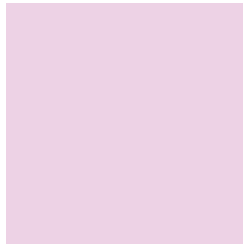
11.3684, 0.4134, 0.2051



0.9095, 0.3975, 0.1963

Previews

White Background



This preview shows how the Yxy color 69.7549, 0.3196, 0.3091 looks on a white background.

Color Contrast Check

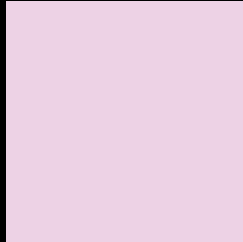
Large Text (above 18pt) WCAG AA × Fail

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 69.7549, 0.3196, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

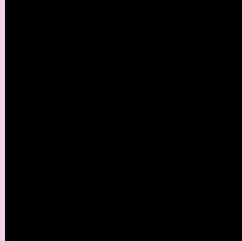
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7549, 0.3196, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 69.7549, 0.3196, 0.3091.



This preview shows how white text looks on a background with the Yxy color 69.7549, 0.3196, 0.3091.

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

69.7549, 0.3196, 0.3091

Protanopia

69.7466, 0.3022, 0.3105

Deuteranopia

69.7381, 0.3173, 0.3100



Tritanopia

69.6438, 0.3210, 0.3112

Trichromacy



Original Color

69.7549, 0.3196, 0.3091

Protanomaly

69.7666, 0.3079, 0.3097

Deuteranomaly

69.9078, 0.3180, 0.3101

Tritanomaly

69.6991, 0.3203, 0.3101

Monochromacy



Original Color

69.7549, 0.3196, 0.3091

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6082, 0.3152, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7549, 0.3196, 0.3091 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(237, 210, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 229)  
}
```

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(237, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 229) }
```

Border

The CSS property to change the border of an element to Yxy 69.7549, 0.3196, 0.3091 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(237, 210, 229) }
```

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

```
.border{ border-color:rgb(237, 210, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7549, 0.3196, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 229) }
```

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

```
.background{ background-color: rgb(237,  
210, 229) }
```

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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