

Converting Colors

Yxy(67.3184, 0.3125, 0.3055)

Have a look what the booklet for
Yxy(67.3184, 0.3125, 0.3055)
contains.

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Color

Yxy(67.3189, 0.3123, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	E4D0E6
RGB	228, 208, 230
RGB Percent	89%, 82%, 90%
CMY	0.1061, 0.1842, 0.0981
CMYK	0.01, 0.10, 0.00, 0.10
HSL	294°, 31%, 86%
HSV	294°, 10%, 90%
XYZ	68.8173, 67.3189, 84.2202
YIQ	216.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

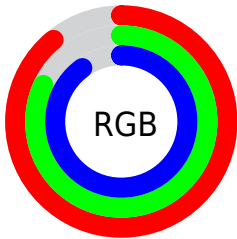
Format	Color
R _Y B	228, 208, 230
Decimal	14995686
CIE Lab	85.66, 10.77, -8.31
CIE LCh	86, 13.598, 322.350
Yxy	67.3189, 0.3123, 0.3055
Android (android.graphics.Color)	4293185766 (0xFFE4D0E6)
YUV	216.4880, 6.6614, 10.0960
Hunter-Lab	82.0481, 6.1316, -3.4260

Details

The Yxy color $67.3189, 0.3123, 0.3055$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.8558, 0.3130, 0.3534$, and the grayscale version is $68.9675, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.0906, 0.3121, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $56.5576, 0.3116, 0.2801$, and if you desaturate by 10%, it is $79.7165, 0.3127, 0.3301$.

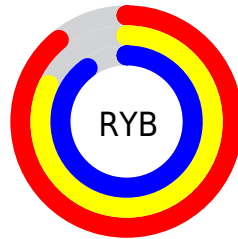
Distribution



Red (89%)

Green (82%)

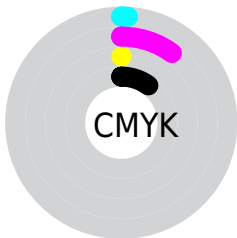
Blue (90%)



Red (89%)

Yellow (82%)

Blue (90%)

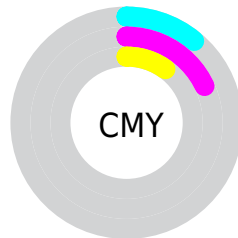


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (11%)


Magenta (18%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3189, 0.3123, 0.3055 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 67.3189, 0.3123, 0.3055 by changing the saturation by 10% instead.

 67.3189, 0.3123,
0.3055

 67.3189, 0.3123,
0.3055


451.0791, 0.3126,
0.3163

 49.3438, 0.3122,
0.3030


115.3772, 0.3124,
0.3093

 34.8923, 0.3121,
0.3000


146.2293, 0.3125,
0.3107

 23.5799, 0.3119,
0.2961


182.1425, 0.3125,
0.3120

 15.0223, 0.3117,
0.2911

223.5012, 0.3125,
0.3131

 8.8350, 0.3113,
0.2843

270.6898, 0.3125,
0.3140

 4.6337, 0.3106,
0.2744

324.0927, 0.3126,

 2.0340, 0.3093,

0.3149

0.2591

384.0943, 0.3126,
0.3157

0.6271, 0.3088,
0.2255

0.0000, 0.0000,
0.0000

67.3189, 0.3123,
0.3055

67.3189, 0.3123,
0.3055

56.5576, 0.3116,
0.2801

79.7165, 0.3127,
0.3301

47.3542, 0.3107,
0.2544

93.8073, 0.3130,
0.3534

39.6370, 0.3095,
0.2294

94.7894, 0.3143,
0.3542

33.3250, 0.3080,
0.2059

95.1559, 0.3156,
0.3541

■ 28.3297, 0.3063,
0.1851

■ 95.5267, 0.3170,
0.3540

■ 24.5524, 0.3042,
0.1678

■ 95.9021, 0.3183,
0.3539

■ 21.8806, 0.3020,
0.1547

■ 96.2818, 0.3197,
0.3538

■ 20.1806, 0.2997,
0.1461

■ 96.6661, 0.3210,
0.3537

■ 19.2338, 0.2973,
0.1413

■ 97.0548, 0.3224,
0.3536

Harmonies

Analogous

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



67.3189, 0.2961, 0.3008



67.3189, 0.3123, 0.3055



67.3189, 0.3290, 0.3161

Triad

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



67.3189, 0.3123, 0.3055



67.3189, 0.3414, 0.3548



67.3189, 0.2847, 0.3269

Complementary

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



67.3189, 0.3123, 0.3055



74.8558, 0.3130, 0.3534

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.



67.3189, 0.2963, 0.3424



67.3189, 0.3123, 0.3055



67.3189, 0.3290, 0.3587

Square

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



67.3189, 0.3123, 0.3055



67.3189, 0.3460, 0.3441



67.3189, 0.3124, 0.3542



67.3189, 0.2805, 0.3126

Rectangle

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



67.3189, 0.3123, 0.3055



67.3189, 0.3381, 0.3252



67.3189, 0.3124, 0.3542



67.3189, 0.2879, 0.3322

Sweetspot

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



67.3218, 0.3123, 0.3055



95.0806, 0.3126, 0.3217



65.3304, 0.2979, 0.3069



20.0767, 0.3126, 0.3197



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.



67.3218, 0.3123, 0.3055



82.8975, 0.3122, 0.3017



67.1779, 0.3200, 0.3148



14.5432, 0.3123, 0.3057



10.8984, 0.2976, 0.1413



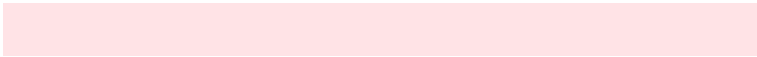
0.8254, 0.3012, 0.1433

Inverse Universe

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



66.6036, 0.3280, 0.3268



81.8598, 0.3307, 0.3265



75.0012, 0.3061, 0.3436



14.3897, 0.3278, 0.3268



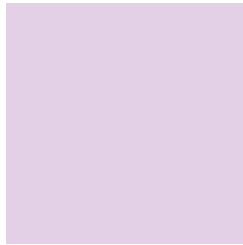
9.5637, 0.6292, 0.3240



0.7142, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 67.3189, 0.3123, 0.3055 looks on a white background.

Color Contrast Check

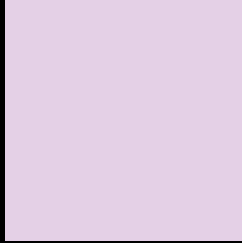
Large Text (above 18pt) WCAG AA × Fail

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 67.3189, 0.3123, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

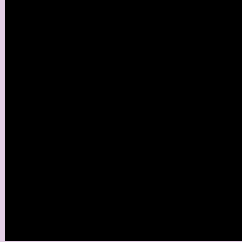
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

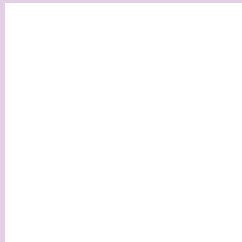
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3189, 0.3123, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 67.3189, 0.3123, 0.3055.



This preview shows how white text looks on a background with the Yxy color 67.3189, 0.3123, 0.3055.

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

67.3189, 0.3123, 0.3055

Protanopia

67.6178, 0.2994, 0.3070

Deuteranopia

67.3189, 0.3123, 0.3055



Tritanopia

67.3681, 0.3150, 0.3118

Trichromacy



Original Color

67.3189, 0.3123, 0.3055

Protanomaly

67.3202, 0.3036, 0.3061

Deuteranomaly

67.3189, 0.3123, 0.3055

Tritanomaly

67.4779, 0.3136, 0.3096

Monochromacy



Original Color

67.3189, 0.3123, 0.3055

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0246, 0.3124, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3189, 0.3123, 0.3055 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(228, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 230)  
}
```

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(228, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 230) }
```

Border

The CSS property to change the border of an element to Yxy 67.3189, 0.3123, 0.3055 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(228, 208, 230) }
```

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

```
.border{ border-color:rgb(228, 208, 230) }
```

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

Here you see how a box with a 4 pixel rgb(228, 208, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3189, 0.3123, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 230) }
```

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

```
.background{ background-color: rgb(228,  
208, 230) }
```

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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