

Converting Colors

$Yxy(60.0816, 0.3090, 0.2681)$

Have a look what the booklet for
Yxy(60.0816, 0.3090, 0.2681)
contains.

Yxy(60.1990, 0.3086, 0.2679)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.1990, 0.3086, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	EDBBF6
RGB	237, 187, 246
RGB Percent	93%, 73%, 96%
CMY	0.0704, 0.2667, 0.0352
CMYK	0.04, 0.24, 0.00, 0.04
HSL	291°, 77%, 85%
HSV	291°, 24%, 96%
XYZ	69.3446, 60.1990, 95.1634
YIQ	208.6760, 10.8610, 28.9490

Conversions

Conversions Part 2

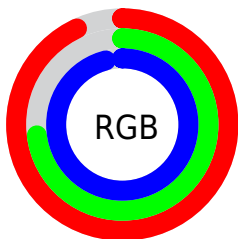
Format	Color
R _Y B	237, 187, 246
Decimal	15580150
CIE Lab	81.95, 27.94, -22.35
CIE LCh	82, 35.776, 321.344
Yxy	60.1990, 0.3086, 0.2679
Android (android.graphics.Color)	4293770230 (0xFFEDBBF6)
YUV	208.6760, 18.4007, 24.8401
Hunter-Lab	77.5880, 23.7560, -18.4089

Details

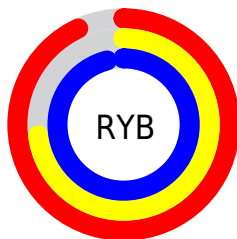
The Yxy color $60.1990, 0.3086, 0.2679$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.2346, 0.3152, 0.3959$, and the grayscale version is $63.4153, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $30.3165, 0.3070, 0.2533$ is the 20% darker color. If you saturate the color by 10%, you get $50.0074, 0.3062, 0.2418$, and if you desaturate by 10%, it is $72.1971, 0.3106, 0.2940$.

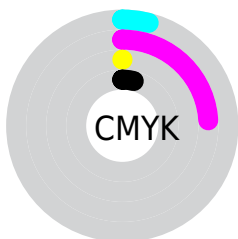
Distribution



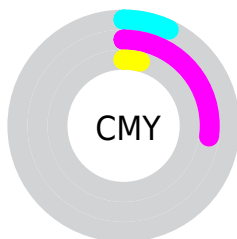
- Red (93%)
- Green (73%)
- Blue (96%)



- Red (93%)
- Yellow (73%)
- Blue (96%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)





- Cyan (7%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1990, 0.3086, 0.2679 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 60.1990, 0.3086, 0.2679 by changing the saturation by 10% instead.

 60.1990, 0.3086,
0.2679

 60.1990, 0.3086,
0.2679

425.3309, 0.3111,
0.2957

 43.5791, 0.3079,
0.2617


 105.1183, 0.3096,
0.2774

 30.3397, 0.3069,
0.2541


134.1864, 0.3099,
0.2812

 20.0966, 0.3056,
0.2446


168.1727, 0.3102,
0.2844

 12.4653, 0.3037,
0.2325

207.4616, 0.3105,
0.2872

 7.0614, 0.3008,
0.2163

252.4375, 0.3107,
0.2897

 3.5005, 0.2959,
0.1940

303.4847, 0.3108,

 1.3983, 0.2870,

0.2919

0.1615

360.9877, 0.3110,
0.2939

0.2155, 0.2806,
0.0681

0.0000, 0.0000,
0.0000

60.1990, 0.3086,
0.2679

60.1990, 0.3086,
0.2679

50.0074, 0.3062,
0.2418

72.1971, 0.3106,
0.2940

41.5232, 0.3033,
0.2164

86.0785, 0.3122,
0.3192

34.6498, 0.3000,
0.1930

98.1778, 0.3137,
0.3377

29.2778, 0.2964,
0.1724

98.8680, 0.3160,
0.3377

■ 25.2838, 0.2926,
0.1557

■ 99.4346, 0.3179,
0.3376

■ 22.5250, 0.2885,
0.1435

■ 20.8270, 0.2845,
0.1358

■ 20.1630, 0.2821,
0.1328

Harmonies

Analogous

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



60.1990, 0.2663, 0.2557



60.1990, 0.3086, 0.2679



60.1990, 0.3552, 0.2936

Triad

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



60.1990, 0.3086, 0.2679



60.1990, 0.3910, 0.3960



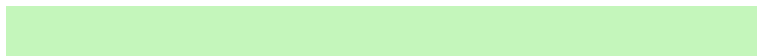
60.1990, 0.2393, 0.3222

Complementary

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



60.1990, 0.3086, 0.2679



81.2346, 0.3152, 0.3959

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.



60.1990, 0.2689, 0.3678



60.1990, 0.3086, 0.2679



60.1990, 0.3563, 0.4118

Square

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



60.1990, 0.3086, 0.2679



60.1990, 0.4046, 0.3646



60.1990, 0.3114, 0.4024



60.1990, 0.2287, 0.2832

Rectangle

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



60.1990, 0.3086, 0.2679



60.1990, 0.3814, 0.3159



60.1990, 0.3114, 0.4024



60.1990, 0.2472, 0.3375

Sweetspot

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



60.2016, 0.3086, 0.2679



88.6251, 0.3117, 0.3117



57.0682, 0.2725, 0.2726



18.7700, 0.3117, 0.3102



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.



60.2016, 0.3086, 0.2679



59.4814, 0.3074, 0.2546



60.6377, 0.3305, 0.2882



16.6335, 0.3114, 0.3055



10.8105, 0.2828, 0.1332



0.9839, 0.2879, 0.1359

Inverse Universe

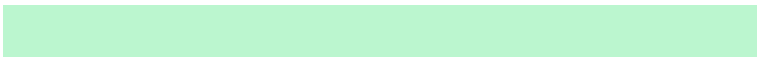
The Inverse Universe completely reimagines the original color for something new.



59.1111, 0.3554, 0.3196



58.1460, 0.3675, 0.3174



80.9706, 0.2985, 0.3737



16.5235, 0.3270, 0.3254



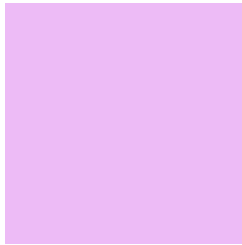
10.5429, 0.6191, 0.3184



0.9387, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 60.1990, 0.3086, 0.2679 looks on a white background.

Color Contrast Check

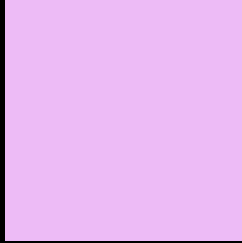
Large Text (above 18pt) WCAG AA × Fail

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 60.1990, 0.3086, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

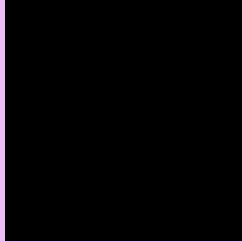
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1990, 0.3086, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 60.1990, 0.3086, 0.2679.

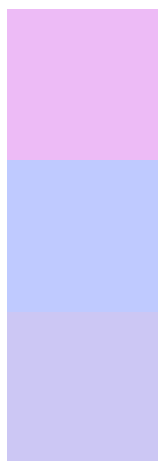


This preview shows how white text looks on a background with the Yxy color 60.1990, 0.3086, 0.2679.

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

60.1990, 0.3086, 0.2679

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.2159, 0.2857, 0.2790



Tritanopia

60.3428, 0.3320, 0.3126

Trichromacy



Original Color

60.1990, 0.3086, 0.2679

Protanomaly

60.3707, 0.2833, 0.2691

Deuteranomaly

60.2217, 0.2935, 0.2748

Tritanomaly

60.0280, 0.3239, 0.2957

Monochromacy



Original Color

60.1990, 0.3086, 0.2679

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.1073, 0.3115, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1990, 0.3086, 0.2679 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, 187, 246)` looks like.

```
.text, #text, p{  
    color:rgb(237, 187, 246)  
}
```

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, 187, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 187, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.1990, 0.3086, 0.2679 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, 187, 246) }
```

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

```
.border{ border-color:rgb(237, 187, 246) }
```

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

Here you see how a box with a 4 pixel rgb(237, 187, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 187, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 187, 246);  
box-shadow:4px 4px 4px 4px rgb(237, 187,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1990, 0.3086, 0.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 187, 246) }
```

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

```
.background{ background-color: rgb(237,  
187, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor