

Converting Colors

Yxy(84.2030, 0.3177, 0.3096)

Have a look what the booklet for
Yxy(84.2030, 0.3177, 0.3096)
contains.

Yxy(84.1382, 0.3177, 0.3096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(84.1382, 0.3177, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5F9
RGB	255, 229, 249
RGB Percent	100%, 90%, 98%
CMY	0.0002, 0.1019, 0.0236
CMYK	0.00, 0.10, 0.02, 0.00
HSL	314°, 100%, 95%
HSV	314°, 10%, 100%
XYZ	86.3395, 84.1382, 101.2865
YIQ	239.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

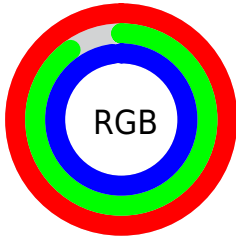
Format	Color
R _Y B	255, 229, 249
Decimal	16770553
CIE Lab	93.51, 12.21, -6.43
CIE LCh	94, 13.799, 332.249
Yxy	84.1382, 0.3177, 0.3096
Android (android.graphics.Color)	4294960633 (0xFFFE5F9)
YUV	239.0540, 4.9034, 13.9846
Hunter-Lab	91.7269, 7.4941, -1.2603

Details

The Yxy color **84.1382, 0.3177, 0.3096** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.1475, 0.3081, 0.3492**, and the grayscale version is **86.3137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1281, 0.3182, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **70.6908, 0.3234, 0.2898**, and if you desaturate by 10%, it is **99.6762, 0.3128, 0.3287**.

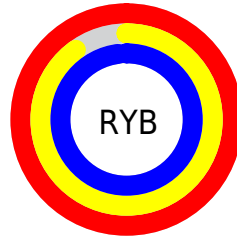
Distribution



Red (100%)

Green (90%)

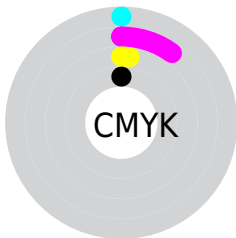
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

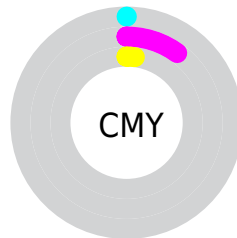


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1382, 0.3177, 0.3096 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 84.1382, 0.3177, 0.3096 by changing the saturation by 10% instead.

 84.1382, 0.3177,
0.3096

 84.1382, 0.3177,
0.3096


508.7721, 0.3155,
0.3182

 63.1295, 0.3182,
0.3077


139.1685, 0.3170,
0.3125

 45.9460, 0.3187,
0.3054


173.9589, 0.3167,
0.3137

 32.2032, 0.3194,
0.3026

214.1120, 0.3164,
0.3147

 21.5168, 0.3203,
0.2990

260.0122, 0.3162,
0.3156

 13.5023, 0.3215,
0.2942

312.0440, 0.3160,
0.3163

 7.7753, 0.3230,
0.2876

370.5916, 0.3158,

 3.9515, 0.3253,

0.3170

0.2780

436.0395, 0.3157,
0.3177

■ 1.6465, 0.3287,
0.2627

■ 0.3886, 0.3461,
0.2015

■ 84.1382, 0.3177,
0.3096

■ 84.1382, 0.3177,
0.3096

■ 70.6908, 0.3234,
0.2898

99.6762, 0.3128,
0.3287

■ 59.2329, 0.3300,
0.2697

99.9900, 0.3127,
0.3290

■ 49.6717, 0.3374,
0.2501

■ 41.9024, 0.3457,
0.2319

■ 35.8101, 0.3545,
0.2159

■ 31.2665, 0.3638,
0.2035

■ 28.1248, 0.3732,
0.1953

■ 26.2095, 0.3824,
0.1919

■ 25.2425, 0.3911,
0.1928

Harmonies

Analogous

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



84.1382, 0.3018, 0.3031



84.1382, 0.3177, 0.3096



84.1382, 0.3326, 0.3210

Triad

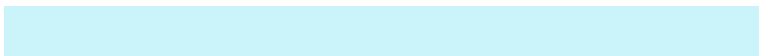
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1382, 0.3177, 0.3096



84.1382, 0.3365, 0.3553



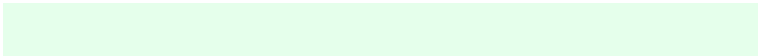
84.1382, 0.2841, 0.3223

Complementary

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



84.1382, 0.3177, 0.3096



94.1475, 0.3081, 0.3492

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.



84.1382, 0.2930, 0.3369



84.1382, 0.3177, 0.3096



84.1382, 0.3231, 0.3564

Square

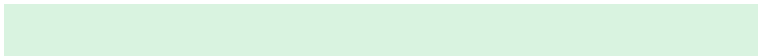
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1382, 0.3177, 0.3096



84.1382, 0.3436, 0.3471



84.1382, 0.3072, 0.3496



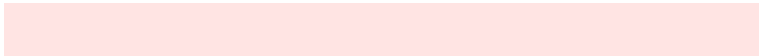
84.1382, 0.2827, 0.3100

Rectangle

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



84.1382, 0.3177, 0.3096



84.1382, 0.3398, 0.3300



84.1382, 0.3072, 0.3496



84.1382, 0.2863, 0.3271

Sweetspot

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



84.1419, 0.3177, 0.3096



95.1027, 0.3141, 0.3234



80.8724, 0.3004, 0.3029



20.0828, 0.3145, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

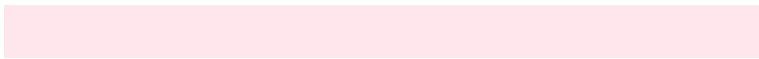
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1419, 0.3177, 0.3096



81.5604, 0.3187, 0.3060



83.3819, 0.3259, 0.3218



18.2245, 0.3174, 0.3109



13.2200, 0.3897, 0.1920



1.3038, 0.3802, 0.1868

Inverse Universe

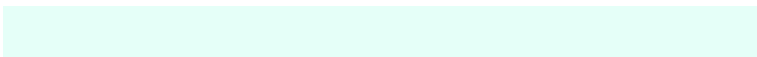
The Inverse Universe completely reimagines the original color for something new.



84.1419, 0.3177, 0.3096



81.5604, 0.3187, 0.3060



94.9018, 0.3010, 0.3363



18.2245, 0.3174, 0.3109



13.2200, 0.3897, 0.1920



1.3038, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 84.1382, 0.3177, 0.3096 looks on a white background.

Color Contrast Check

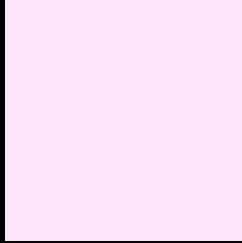
Large Text (above 18pt) WCAG AA × Fail

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 84.1382, 0.3177, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

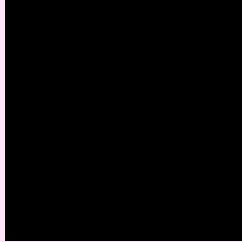
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.1382, 0.3177, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 84.1382, 0.3177, 0.3096.



This preview shows how white text looks on a background with the Yxy color 84.1382, 0.3177, 0.3096.

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

84.1382, 0.3177, 0.3096

Protanopia

84.3414, 0.3024, 0.3109

Deuteranopia

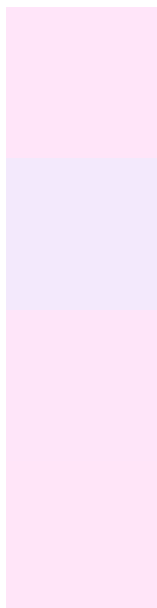
83.9490, 0.3170, 0.3095



Tritanopia

84.0140, 0.3190, 0.3115

Trichromacy



Original Color

84.1382, 0.3177, 0.3096

Protanomaly

84.3608, 0.3076, 0.3101

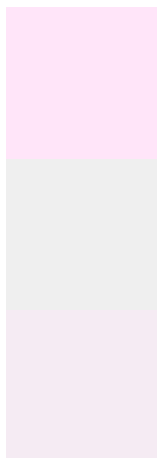
Deuteranomaly

83.9490, 0.3170, 0.3095

Tritanomaly

84.0759, 0.3184, 0.3105

Monochromacy



Original Color

84.1382, 0.3177, 0.3096

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.3002, 0.3144, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1382, 0.3177, 0.3096 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(255, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 249)  
}
```

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(255, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 249) }
```

Border

The CSS property to change the border of an element to Yxy 84.1382, 0.3177, 0.3096 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(255, 229, 249) }
```

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

```
.border{ border-color:rgb(255, 229, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 229, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1382, 0.3177, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 249) }
```

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

```
.background{ background-color: rgb(255,  
229, 249) }
```

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