

Converting Colors

$Y_{xy}(84.2565, 0.3174, 0.3092)$

Have a look what the booklet for
Yxy(84.2565, 0.3174, 0.3092)
contains.

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Color

Yxy(84.2008, 0.3171, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5FA
RGB	255, 229, 250
RGB Percent	100%, 90%, 98%
CMY	0.0000, 0.1020, 0.0196
CMYK	0.00, 0.10, 0.02, 0.00
HSL	312°, 100%, 95%
HSV	312°, 10%, 100%
XYZ	86.5200, 84.2008, 102.1269
YIQ	239.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

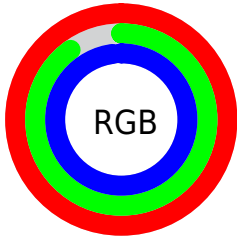
Format	Color
R _{YB}	255, 229, 250
Decimal	16770554
CIE Lab	93.54, 12.43, -6.92
CIE LCh	94, 14.226, 330.910
Yxy	84.2008, 0.3171, 0.3086
Android (android.graphics.Color)	4294960634 (0xFFFFE5FA)
YUV	239.1680, 5.3402, 13.8847
Hunter-Lab	91.7610, 7.7231, -1.7551

Details

The Yxy color **84.2008, 0.3171, 0.3086** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.1187, 0.3086, 0.3503**, and the grayscale version is **86.4045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1729, 0.3174, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **70.8054, 0.3220, 0.2879**, and if you desaturate by 10%, it is **99.6745, 0.3128, 0.3286**.

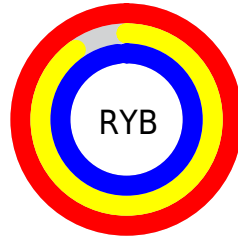
Distribution



Red (100%)

Green (90%)

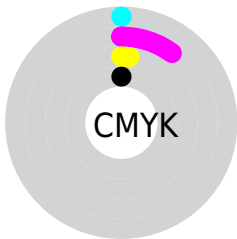
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

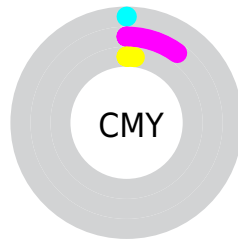


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2008, 0.3171, 0.3086 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 84.2008, 0.3171, 0.3086 by changing the saturation by 10% instead.

 84.2008, 0.3171,
0.3086

 84.2008, 0.3171,
0.3086

508.9798, 0.3152,
0.3177

 63.1812, 0.3175,
0.3066

139.2560, 0.3165,
0.3117

 45.9878, 0.3180,
0.3042


174.0605, 0.3162,
0.3129

 32.2362, 0.3186,
0.3012


214.2287, 0.3160,
0.3139

 21.5420, 0.3194,
0.2974

260.1450, 0.3158,
0.3149

 13.5208, 0.3203,
0.2924

312.1939, 0.3156,
0.3157

 7.7881, 0.3217,
0.2856

370.7598, 0.3155,

 3.9597, 0.3235,

0.3164

0.2756

436.2269, 0.3153,
0.3171

■ 1.6510, 0.3263,
0.2596

■ 0.3916, 0.3417,
0.1981

■ 84.2008, 0.3171,
0.3086

■ 84.2008, 0.3171,
0.3086

■ 70.8054, 0.3220,
0.2879

99.6745, 0.3128,
0.3286

■ 59.4016, 0.3277,
0.2670

100.0000, 0.3127,
0.3290

■ 49.8918, 0.3340,
0.2466

■ 42.1711, 0.3409,
0.2276

■ 36.1245, 0.3483,
0.2111

■ 31.6238, 0.3559,
0.1981

■ 28.5219, 0.3635,
0.1894

■ 26.6433, 0.3709,
0.1854

■ 25.7106, 0.3778,
0.1855

Harmonies

Analogous

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



84.2008, 0.3008, 0.3022



84.2008, 0.3171, 0.3086



84.2008, 0.3326, 0.3201

Triad

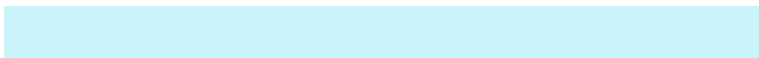
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2008, 0.3171, 0.3086



84.2008, 0.3378, 0.3559



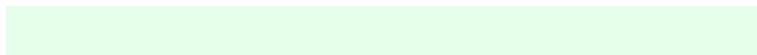
84.2008, 0.2835, 0.3227

Complementary

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



84.2008, 0.3171, 0.3086



94.1187, 0.3086, 0.3503

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.



84.2008, 0.2930, 0.3379



84.2008, 0.3171, 0.3086



84.2008, 0.3242, 0.3574

Square

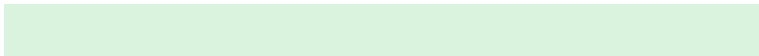
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



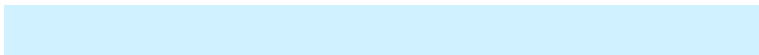
84.2008, 0.3171, 0.3086



84.2008, 0.3447, 0.3472



84.2008, 0.3077, 0.3508



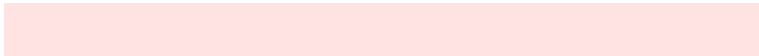
84.2008, 0.2817, 0.3098

Rectangle

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



84.2008, 0.3171, 0.3086



84.2008, 0.3402, 0.3293



84.2008, 0.3077, 0.3508



84.2008, 0.2859, 0.3277

Sweetspot

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



84.1996, 0.3171, 0.3086



95.1213, 0.3139, 0.3231



80.7108, 0.2998, 0.3027



20.0878, 0.3143, 0.3215



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.



84.1996, 0.3171, 0.3086



81.6328, 0.3179, 0.3049



83.4260, 0.3254, 0.3209



18.2368, 0.3168, 0.3100



13.4557, 0.3767, 0.1849



1.3248, 0.3691, 0.1807

Inverse Universe

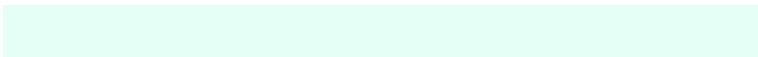
The Inverse Universe completely reimagines the original color for something new.



84.1996, 0.3171, 0.3086



81.6328, 0.3179, 0.3049



94.8788, 0.3015, 0.3372



18.2368, 0.3168, 0.3100



13.4557, 0.3767, 0.1849



1.3248, 0.3691, 0.1807

Previews

White Background



This preview shows how the Yxy color 84.2008, 0.3171, 0.3086 looks on a white background.

Color Contrast Check

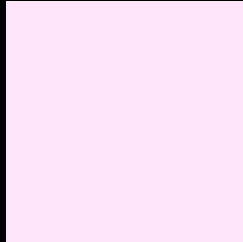
Large Text (above 18pt) WCAG AA × Fail

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 84.2008, 0.3171, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

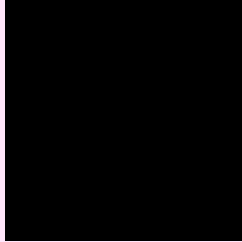
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

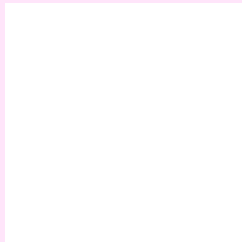
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.2008, 0.3171, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 84.2008, 0.3171, 0.3086.

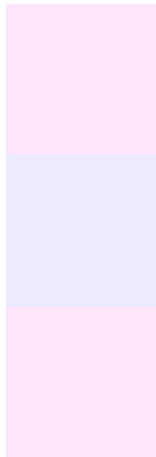


This preview shows how white text looks on a background with the Yxy color 84.2008, 0.3171, 0.3086.

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

84.2008, 0.3171, 0.3086

Protanopia

84.4053, 0.3018, 0.3099

Deuteranopia

84.3784, 0.3157, 0.3095



Tritanopia

84.0140, 0.3190, 0.3115

Trichromacy



Original Color

84.2008, 0.3171, 0.3086

Protanomaly

84.4244, 0.3070, 0.3092

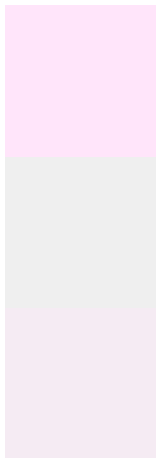
Deuteranomaly

84.5666, 0.3163, 0.3095

Tritanomaly

84.0759, 0.3184, 0.3105

Monochromacy



Original Color

84.2008, 0.3171, 0.3086

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 84.2008, 0.3171, 0.3086 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 250) }
```

Border

The CSS property to change the border of an element to Yxy 84.2008, 0.3171, 0.3086 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, 250) }
```

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

```
.border{ border-color:rgb(255, 229, 250) }
```

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, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2008, 0.3171, 0.3086 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
229, 250) }
```

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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