

Converting Colors

Yxy(88.0860, 0.3169, 0.3158)

Have a look what the booklet for
Yxy(88.0860, 0.3169, 0.3158)
contains.

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Color

Yxy(88.1530, 0.3167, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	FFECFA
RGB	255, 236, 250
RGB Percent	100%, 93%, 98%
CMY	0.0000, 0.0745, 0.0197
CMYK	0.00, 0.07, 0.02, 0.00
HSL	316°, 100%, 96%
HSV	316°, 7%, 100%
XYZ	88.4883, 88.1530, 102.7660
YIQ	243.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

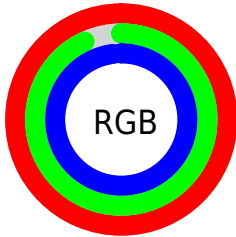
Format	Color
R _Y B	255, 236, 250
Decimal	16772346
CIE Lab	95.23, 8.80, -4.41
CIE LCh	95, 9.849, 333.371
Yxy	88.1530, 0.3167, 0.3155
Android (android.graphics.Color)	4294962426 (0xFFFFEFCFA)
YUV	243.2770, 3.3144, 10.2811
Hunter-Lab	93.8898, 3.9236, 0.8277

Details

The Yxy color 88.1530, 0.3167, 0.3155 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.7074, 0.3090, 0.3429, and the grayscale version is 89.8286, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.5433, 0.3169, 0.3118 is the 20% darker color. If you saturate the color by 10%, you get 74.0880, 0.3228, 0.2967, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

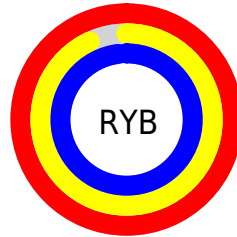
Distribution



Red (100%)

Green (93%)

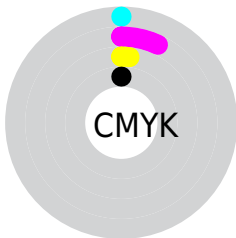
Blue (98%)



Red (100%)

Yellow (93%)

Blue (98%)

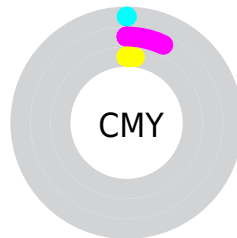


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1530, 0.3167, 0.3155 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 88.1530, 0.3167, 0.3155 by changing the saturation by 10% instead.

 88.1530, 0.3167,
0.3155

 88.1530, 0.3167,
0.3155


522.0041, 0.3150,
0.3215

 66.4498, 0.3171,
0.3142

144.7701, 0.3161,
0.3175

 48.6376, 0.3175,
0.3126


180.4529, 0.3159,
0.3183

 34.3321, 0.3181,
0.3106


221.5642, 0.3157,
0.3190

 23.1488, 0.3188,
0.3082

268.4886, 0.3155,
0.3196

 14.7035, 0.3198,
0.3049

321.6104, 0.3153,
0.3202

 8.6115, 0.3210,
0.3004

381.3140, 0.3152,

 4.4887, 0.3229,

0.3207

0.2938

447.9838, 0.3151,
0.3211

■ 1.9505, 0.3257,
0.2834

■ 0.5785, 0.3352,
0.2535

■ 88.1530, 0.3167,
0.3155

■ 88.1530, 0.3167,
0.3155

■ 74.0880, 0.3228,
0.2967

100.0000, 0.3127,
0.3290

■ 62.0436, 0.3300,
0.2774

■ 51.9274, 0.3382,
0.2584

■ 43.6368, 0.3474,
0.2403

■ 37.0599, 0.3575,
0.2242

■ 32.0723, 0.3682,
0.2113

■ 28.5328, 0.3792,
0.2024

■ 26.2751, 0.3903,
0.1983

■ 25.0823, 0.4009,
0.1991

Harmonies

Analogous

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



88.1530, 0.3055, 0.3107



88.1530, 0.3167, 0.3155



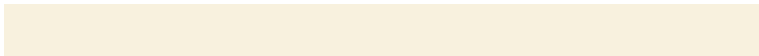
88.1530, 0.3270, 0.3237

Triad

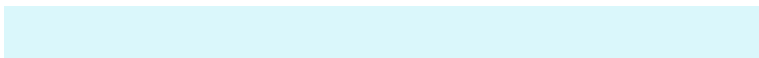
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1530, 0.3167, 0.3155



88.1530, 0.3292, 0.3476



88.1530, 0.2924, 0.3240

Complementary

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



88.1530, 0.3167, 0.3155



95.7074, 0.3090, 0.3429

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.



88.1530, 0.2985, 0.3342



88.1530, 0.3167, 0.3155



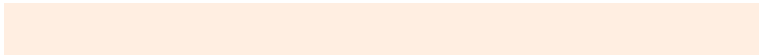
88.1530, 0.3197, 0.3480

Square

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



88.1530, 0.3167, 0.3155



88.1530, 0.3343, 0.3422



88.1530, 0.3085, 0.3431



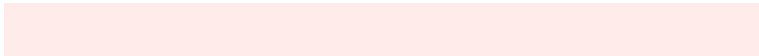
88.1530, 0.2916, 0.3154

Rectangle

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



88.1530, 0.3167, 0.3155



88.1530, 0.3319, 0.3302



88.1530, 0.3085, 0.3431



88.1530, 0.2939, 0.3274

Sweetspot

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



88.1553, 0.3167, 0.3155



96.7023, 0.3137, 0.3254



85.8730, 0.3043, 0.3102



20.7328, 0.3137, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

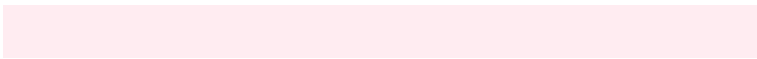
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1553, 0.3167, 0.3155



85.8359, 0.3176, 0.3126



87.5915, 0.3225, 0.3244



18.2134, 0.3179, 0.3117



13.0193, 0.4019, 0.1988



1.2857, 0.3905, 0.1925

Inverse Universe

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



88.1553, 0.3167, 0.3155



85.8359, 0.3176, 0.3126



96.2721, 0.3038, 0.3337



18.2134, 0.3179, 0.3117



13.0193, 0.4019, 0.1988



1.2857, 0.3905, 0.1925

Previews

White Background



This preview shows how the Yxy color 88.1530, 0.3167, 0.3155 looks on a white background.

Color Contrast Check

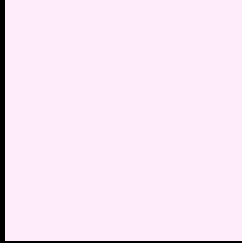
Large Text (above 18pt) WCAG AA × Fail

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 88.1530, 0.3167, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

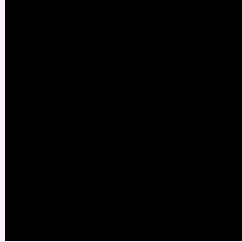
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1530, 0.3167, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 88.1530, 0.3167, 0.3155.



This preview shows how white text looks on a background with the Yxy color 88.1530, 0.3167, 0.3155.

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

88.1530, 0.3167, 0.3155

Protanopia

88.2257, 0.3068, 0.3171

Deuteranopia

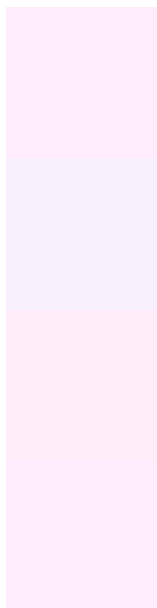
88.0282, 0.3179, 0.3174



Tritanopia

88.3428, 0.3148, 0.3126

Trichromacy



Original Color

88.1530, 0.3167, 0.3155

Protanomaly

88.4722, 0.3107, 0.3172

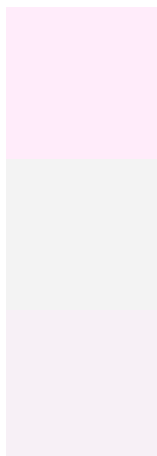
Deuteranomaly

88.0905, 0.3173, 0.3164

Tritanomaly

88.2792, 0.3154, 0.3136

Monochromacy



Original Color

88.1530, 0.3167, 0.3155

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

88.7482, 0.3136, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1530, 0.3167, 0.3155 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, 236, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 250) }
```

Border

The CSS property to change the border of an element to Yxy 88.1530, 0.3167, 0.3155 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, 236, 250) }
```

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

```
.border{ border-color:rgb(255, 236, 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, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1530, 0.3167, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 250) }
```

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

```
.background{ background-color: rgb(255,  
236, 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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