

Converting Colors

$Y_{xy}(100.0000, 0.3533, 0.3162)$

Have a look what the booklet for
Yxy(100.0000, 0.3533, 0.3162)
contains.

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Color

Yxy(88.2159, 0.3161, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	FFECFB
RGB	255, 236, 251
RGB Percent	100%, 93%, 98%
CMY	0.0000, 0.0746, 0.0157
CMYK	0.00, 0.07, 0.02, 0.00
HSL	313°, 100%, 96%
HSV	313°, 7%, 100%
XYZ	88.6647, 88.2159, 103.6151
YIQ	243.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

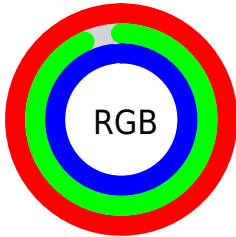
Format	Color
R_{YB}	255, 236, 251
Decimal	16772347
CIE Lab	95.25, 9.01, -4.91
CIE LCh	95, 10.264, 331.436
Yxy	88.2159, 0.3161, 0.3145
Android (android.graphics.Color)	4294962427 (0xFFFFEFCFB)
YUV	243.3910, 3.7512, 10.1811
Hunter-Lab	93.9233, 4.1402, 0.3383

Details

The Yxy color 88.2159, 0.3161, 0.3145 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.6411, 0.3095, 0.3439, and the grayscale version is 89.9124, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.5884, 0.3161, 0.3106 is the 20% darker color. If you saturate the color by 10%, you get 74.2239, 0.3212, 0.2944, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

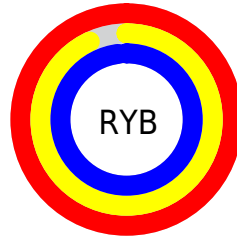
Distribution



Red (100%)

Green (93%)

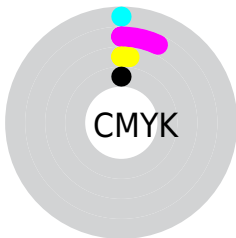
Blue (98%)



Red (100%)

Yellow (93%)

Blue (98%)

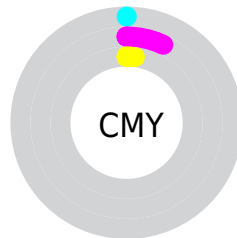


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2159, 0.3161, 0.3145 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 88.2159, 0.3161, 0.3145 by changing the saturation by 10% instead.

 88.2159, 0.3161,
0.3145

 88.2159, 0.3161,
0.3145

522.2100, 0.3146,
0.3209

 66.5019, 0.3164,
0.3131

144.8577, 0.3156,
0.3167

 48.6799, 0.3168,
0.3114


180.5543, 0.3154,
0.3175

 34.3657, 0.3173,
0.3093


221.6805, 0.3152,
0.3183

 23.1746, 0.3179,
0.3066

268.6207, 0.3151,
0.3189

 14.7225, 0.3186,
0.3031

321.7594, 0.3150,
0.3195

 8.6249, 0.3197,
0.2983

381.4809, 0.3148,

 4.4973, 0.3212,

0.3200

0.2913

448.1697, 0.3147,
0.3205

■ 1.9555, 0.3235,
0.2802

■ 0.5814, 0.3316,
0.2495

■ 88.2159, 0.3161,
0.3145

■ 88.2159, 0.3161,
0.3145

■ 74.2239, 0.3212,
0.2944

100.0000, 0.3127,
0.3290

■ 62.2580, 0.3270,
0.2739

■ 52.2147, 0.3337,
0.2536

■ 43.9917, 0.3410,
0.2345

■ 37.4770, 0.3490,
0.2175

■ 32.5463, 0.3573,
0.2037

■ 29.0585, 0.3658,
0.1940

■ 26.8473, 0.3741,
0.1890

■ 25.6958, 0.3820,
0.1886

Harmonies

Analogous

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



88.2159, 0.3045, 0.3098



88.2159, 0.3161, 0.3145



88.2159, 0.3270, 0.3229

Triad

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



88.2159, 0.3161, 0.3145



88.2159, 0.3304, 0.3482



88.2159, 0.2918, 0.3245

Complementary

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



88.2159, 0.3161, 0.3145



95.6411, 0.3095, 0.3439

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.



88.2159, 0.2985, 0.3351



88.2159, 0.3161, 0.3145



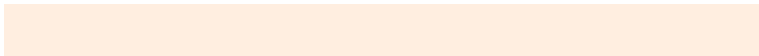
88.2159, 0.3207, 0.3490

Square

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



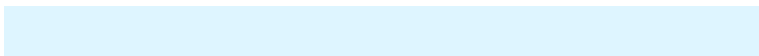
88.2159, 0.3161, 0.3145



88.2159, 0.3353, 0.3422



88.2159, 0.3091, 0.3442



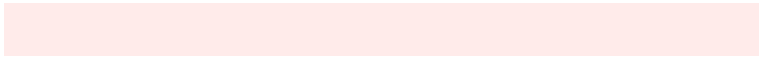
88.2159, 0.2906, 0.3153

Rectangle

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



88.2159, 0.3161, 0.3145



88.2159, 0.3323, 0.3295



88.2159, 0.3091, 0.3442



88.2159, 0.2935, 0.3280

Sweetspot

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



88.2072, 0.3161, 0.3145



96.7201, 0.3136, 0.3252



85.6908, 0.3036, 0.3101



20.7364, 0.3135, 0.3254



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

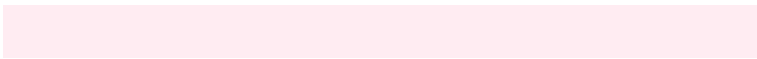
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2072, 0.3161, 0.3145



85.9139, 0.3168, 0.3114



87.6347, 0.3219, 0.3235



18.2310, 0.3170, 0.3104



13.3419, 0.3828, 0.1882



1.3147, 0.3743, 0.1836

Inverse Universe

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



88.2072, 0.3161, 0.3145



85.9139, 0.3168, 0.3114



96.2084, 0.3043, 0.3346



18.2310, 0.3170, 0.3104



13.3419, 0.3828, 0.1882



1.3147, 0.3743, 0.1836

Previews

White Background



This preview shows how the Yxy color 88.2159, 0.3161, 0.3145 looks on a white background.

Color Contrast Check

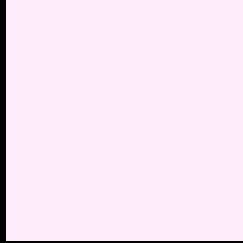
Large Text (above 18pt) WCAG AA × Fail

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 88.2159, 0.3161, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

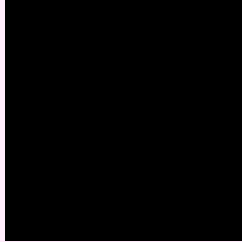
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.2159, 0.3161, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 88.2159, 0.3161, 0.3145.



This preview shows how white text looks on a background with the Yxy color 88.2159, 0.3161, 0.3145.

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

88.2159, 0.3161, 0.3145

Protanopia

88.2893, 0.3062, 0.3162

Deuteranopia

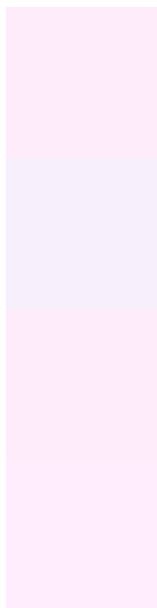
88.0905, 0.3173, 0.3164



Tritanopia

88.4067, 0.3142, 0.3117

Trichromacy



Original Color

88.2159, 0.3161, 0.3145

Protanomaly

88.5354, 0.3100, 0.3163

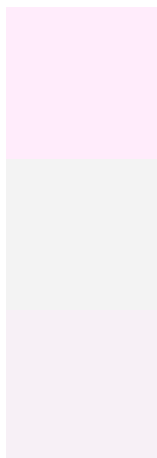
Deuteranomaly

88.1530, 0.3167, 0.3155

Tritanomaly

88.3428, 0.3148, 0.3126

Monochromacy



Original Color

88.2159, 0.3161, 0.3145

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 88.2159, 0.3161, 0.3145 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.2159, 0.3161, 0.3145 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, 251) }
```

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

```
.border{ border-color:rgb(255, 236, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2159, 0.3161, 0.3145 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, 251) }
```

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

```
.background{ background-color: rgb(255,  
236, 251) }
```

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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