

Converting Colors

$Y_{xy}(86.2353, 0.3178, 0.3138)$

Have a look what the booklet for
Yxy(86.2353, 0.3178, 0.3138)
contains.

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Color

Yxy(86.3151, 0.3181, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9F8
RGB	255, 233, 248
RGB Percent	100%, 91%, 97%
CMY	0.0000, 0.0863, 0.0273
CMYK	0.00, 0.09, 0.03, 0.00
HSL	319°, 100%, 96%
HSV	319°, 9%, 100%
XYZ	87.3309, 86.3151, 100.8931
YIQ	241.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

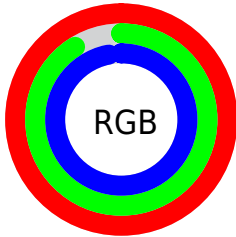
Format	Color
RYB	255, 233, 248
Decimal	16771576
CIELab	94.45, 10.02, -4.56
CIElCh	94, 11.009, 335.546
Yxy	86.3151, 0.3181, 0.3144
Android (android.graphics.Color)	4294961656 (0xFFFFE9F8)
YUV	241.2880, 3.3090, 12.0254
Hunter-Lab	92.9059, 5.2034, 0.6469

Details

The Yxy color **86.3151, 0.3181, 0.3144** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.1320, 0.3077, 0.3441**, and the grayscale version is **88.1710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2558, 0.3188, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **72.4160, 0.3254, 0.2968**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

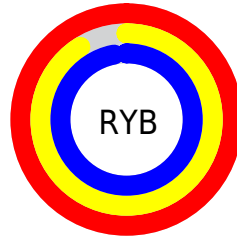
Distribution



Red (100%)

Green (91%)

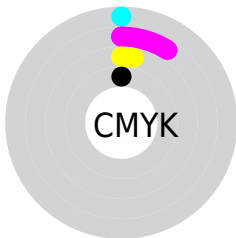
Blue (97%)



Red (100%)

Yellow (91%)

Blue (97%)

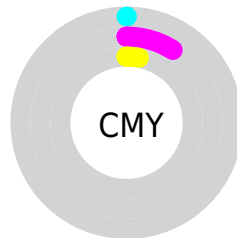


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3151, 0.3181, 0.3144 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 86.3151, 0.3181, 0.3144 by changing the saturation by 10% instead.


 86.3151, 0.3181,
0.3144

 86.3151, 0.3181,
0.3144


515.9696, 0.3157,
0.3209

 64.9286, 0.3186,
0.3130


142.2091, 0.3173,
0.3166

 47.4032, 0.3192,
0.3113

177.4854, 0.3170,
0.3175

 33.3545, 0.3200,
0.3091


218.1604, 0.3167,
0.3182

 22.3981, 0.3210,
0.3064

264.6185, 0.3165,
0.3189

 14.1497, 0.3223,
0.3028

317.2440, 0.3162,
0.3195

 8.2249, 0.3241,
0.2979

376.4215, 0.3161,

 4.2392, 0.3267,

0.3200

0.2907

442.5352, 0.3159,
0.3205

■ 1.8082, 0.3308,
0.2791

■ 0.4923, 0.3460,
0.2390

■ 86.3151, 0.3181,
0.3144

■ 86.3151, 0.3181,
0.3144

■ 72.4160, 0.3254,
0.2968

100.0000, 0.3127,
0.3290

■ 60.5349, 0.3339,
0.2787

■ 50.5764, 0.3438,
0.2609

■ 42.4370, 0.3549,
0.2440

■ 36.0033, 0.3673,
0.2292

■ 31.1491, 0.3805,
0.2175

■ 27.7305, 0.3943,
0.2101

■ 25.5774, 0.4081,
0.2076

■ 24.4471, 0.4214,
0.2100

Harmonies

Analogous

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



86.3151, 0.3054, 0.3087



86.3151, 0.3181, 0.3144



86.3151, 0.3295, 0.3238

Triad

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



86.3151, 0.3181, 0.3144



86.3151, 0.3306, 0.3502



86.3151, 0.2896, 0.3226

Complementary

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



86.3151, 0.3181, 0.3144



95.1320, 0.3077, 0.3441

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.



86.3151, 0.2961, 0.3341



86.3151, 0.3181, 0.3144



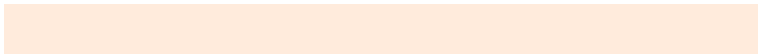
86.3151, 0.3197, 0.3503

Square

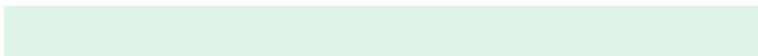
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



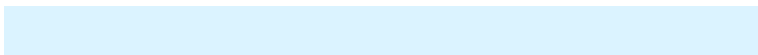
86.3151, 0.3181, 0.3144



86.3151, 0.3368, 0.3444



86.3151, 0.3070, 0.3443



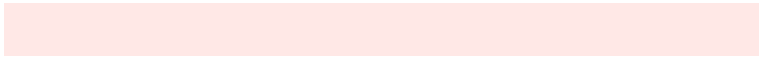
86.3151, 0.2892, 0.3131

Rectangle

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



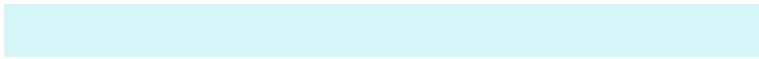
86.3151, 0.3181, 0.3144



86.3151, 0.3348, 0.3311



86.3151, 0.3070, 0.3443



86.3151, 0.2911, 0.3263

Sweetspot

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



86.3155, 0.3181, 0.3144



95.0608, 0.3145, 0.3240



83.9509, 0.3036, 0.3071



20.0714, 0.3150, 0.3227



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.



86.3155, 0.3181, 0.3144



84.2868, 0.3190, 0.3120



85.6736, 0.3249, 0.3247



18.1968, 0.3187, 0.3129



12.7401, 0.4211, 0.2094



1.2603, 0.4068, 0.2015

Inverse Universe

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



86.3155, 0.3181, 0.3144



84.2868, 0.3190, 0.3120



95.7829, 0.3018, 0.3333



18.1968, 0.3187, 0.3129



12.7401, 0.4211, 0.2094



1.2603, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 86.3151, 0.3181, 0.3144 looks on a white background.

Color Contrast Check

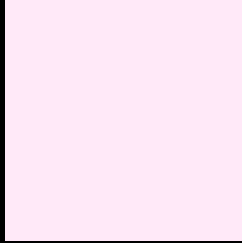
Large Text (above 18pt) WCAG AA × Fail

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 86.3151, 0.3181, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

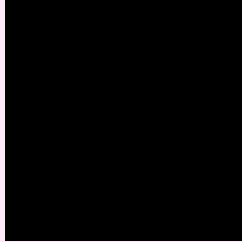
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.3151, 0.3181, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 86.3151, 0.3181, 0.3144.



This preview shows how white text looks on a background with the Yxy color 86.3151, 0.3181, 0.3144.

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

86.3151, 0.3181, 0.3144

Protanopia

86.6394, 0.3061, 0.3161

Deuteranopia

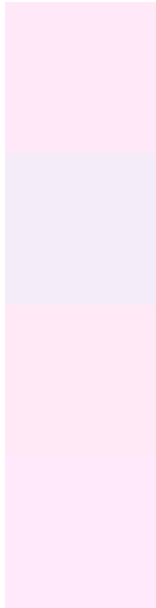
86.2532, 0.3187, 0.3154



Tritanopia

86.5029, 0.3162, 0.3116

Trichromacy



Original Color

86.3151, 0.3181, 0.3144

Protanomaly

86.3055, 0.3101, 0.3152

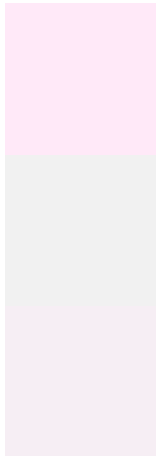
Deuteranomaly

86.2532, 0.3187, 0.3154

Tritanomaly

86.4400, 0.3168, 0.3125

Monochromacy



Original Color

86.3151, 0.3181, 0.3144

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.2736, 0.3143, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3151, 0.3181, 0.3144 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, 233, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 248)  
}
```

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, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 248) }
```

Border

The CSS property to change the border of an element to Yxy 86.3151, 0.3181, 0.3144 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, 233, 248) }
```

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

```
.border{ border-color:rgb(255, 233, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3151, 0.3181, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 248) }
```

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

```
.background{ background-color: rgb(255,  
233, 248) }
```

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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