

Converting Colors

Yxy(87.1812, 0.3153, 0.3141)

Have a look what the booklet for
Yxy(87.1812, 0.3153, 0.3141)
contains.

Yxy(87.2014, 0.3154, 0.3144)	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(87.2014, 0.3154, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	FDEBFA
RGB	253, 235, 250
RGB Percent	99%, 92%, 98%
CMY	0.0078, 0.0784, 0.0195
CMYK	0.00, 0.07, 0.01, 0.01
HSL	310°, 82%, 96%
HSV	310°, 7%, 99%
XYZ	87.4788, 87.2014, 102.6780
YIQ	242.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

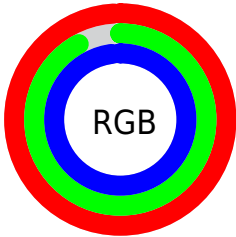
Format	Color
R_{YB}	253, 235, 250
Decimal	16641018
CIE Lab	94.82, 8.67, -5.05
CIE LCh	95, 10.036, 329.782
Yxy	87.2014, 0.3154, 0.3144
Android (android.graphics.Color)	4294831098 (0xFFFDEBFA)
YUV	242.0920, 3.8986, 9.5663
Hunter-Lab	93.3817, 3.7985, 0.1748

Details

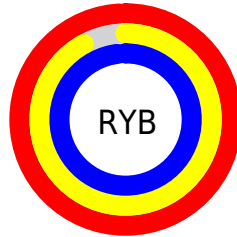
The Yxy color **87.2014, 0.3154, 0.3144** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.0978, 0.3101, 0.3440**, and the grayscale version is **88.8396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.8710, 0.3153, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **73.4715, 0.3197, 0.2932**, and if you desaturate by 10%, it is **99.5770, 0.3119, 0.3297**.

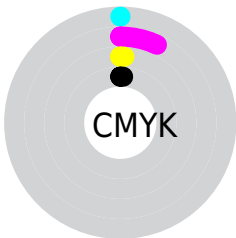
Distribution



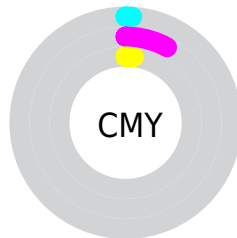
- Red (99%)
- Green (92%)
- Blue (98%)



- Red (99%)
- Yellow (92%)
- Blue (98%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (1%)




- Cyan (1%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2014, 0.3154, 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 87.2014, 0.3154, 0.3144 by changing the saturation by 10% instead.


 87.2014, 0.3154,
0.3144

 87.2014, 0.3154,
0.3144


518.8844, 0.3142,
0.3209

 65.6619, 0.3156,
0.3130


143.4448, 0.3150,
0.3166

 47.9980, 0.3160,
0.3113


178.9175, 0.3149,
0.3175

 33.8253, 0.3163,
0.3091


219.8034, 0.3147,
0.3182

 22.7594, 0.3168,
0.3064

266.4869, 0.3146,
0.3189

 14.4160, 0.3174,
0.3029

319.3523, 0.3145,
0.3195

 8.4105, 0.3182,
0.2980

378.7841, 0.3144,

 4.3587, 0.3193,

0.3200

0.2908

445.1667, 0.3143,
0.3205

■ 1.8762, 0.3211,
0.2794

■ 0.5340, 0.3288,
0.2441

■ 87.2014, 0.3154,
0.3144

■ 87.2014, 0.3154,
0.3144

■ 73.4715, 0.3197,
0.2932

99.5770, 0.3119,
0.3297

■ 61.7177, 0.3245,
0.2717

99.6263, 0.3115,
0.3290

■ 51.8511, 0.3299,
0.2506

■ 43.7715, 0.3358,
0.2306

■ 37.3695, 0.3421,
0.2128

■ 32.5237, 0.3486,
0.1983

■ 29.0963, 0.3551,
0.1878

■ 26.9254, 0.3614,
0.1820

■ 25.8033, 0.3674,
0.1806

Harmonies

Analogous

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



87.2014, 0.3040, 0.3101



87.2014, 0.3154, 0.3144



87.2014, 0.3262, 0.3225

Triad

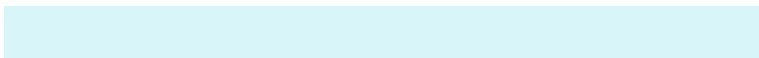
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2014, 0.3154, 0.3144



87.2014, 0.3305, 0.3476



87.2014, 0.2924, 0.3251

Complementary

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



87.2014, 0.3154, 0.3144



94.0978, 0.3101, 0.3440

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.



87.2014, 0.2993, 0.3356



87.2014, 0.3154, 0.3144



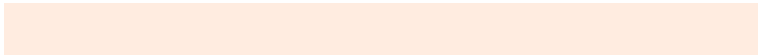
87.2014, 0.3212, 0.3487

Square

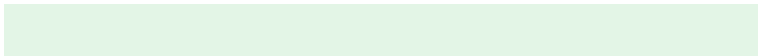
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



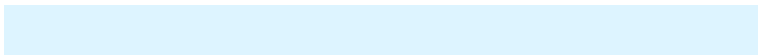
87.2014, 0.3154, 0.3144



87.2014, 0.3350, 0.3415



87.2014, 0.3098, 0.3443



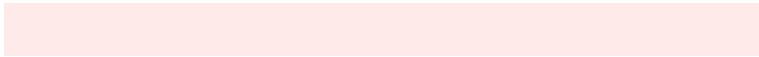
87.2014, 0.2909, 0.3160

Rectangle

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



87.2014, 0.3154, 0.3144



87.2014, 0.3316, 0.3290



87.2014, 0.3098, 0.3443



87.2014, 0.2942, 0.3286

Sweetspot

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



87.2052, 0.3154, 0.3144



96.7345, 0.3134, 0.3250



84.6341, 0.3035, 0.3110



20.7394, 0.3134, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

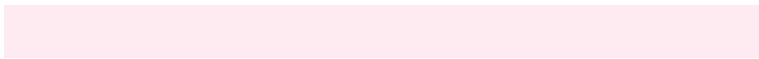
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2052, 0.3154, 0.3144



85.9777, 0.3162, 0.3105



86.6710, 0.3209, 0.3228



18.2454, 0.3164, 0.3094



13.6263, 0.3682, 0.1802



1.3399, 0.3619, 0.1767

Inverse Universe

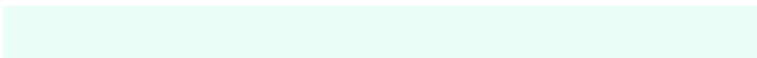
The Inverse Universe completely reimagines the original color for something new.



87.2052, 0.3154, 0.3144



85.9777, 0.3162, 0.3105



94.6224, 0.3052, 0.3352



18.2454, 0.3164, 0.3094



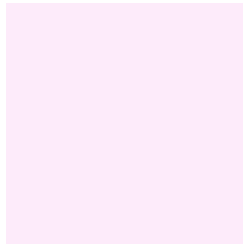
13.6263, 0.3682, 0.1802



1.3399, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 87.2014, 0.3154, 0.3144 looks on a white background.

Color Contrast Check

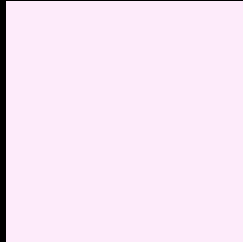
Large Text (above 18pt) WCAG AA × Fail

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 87.2014, 0.3154, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

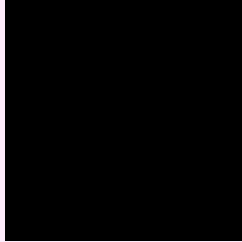
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.2014, 0.3154, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 87.2014, 0.3154, 0.3144.



This preview shows how white text looks on a background with the Yxy color 87.2014, 0.3154, 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

87.2014, 0.3154, 0.3144

Protanopia

87.4621, 0.3062, 0.3161

Deuteranopia

86.8829, 0.3180, 0.3154



Tritanopia

87.3912, 0.3135, 0.3116

Trichromacy



Original Color

87.2014, 0.3154, 0.3144

Protanomaly

87.5266, 0.3094, 0.3162

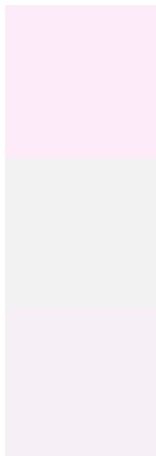
Deuteranomaly

86.7560, 0.3167, 0.3144

Tritanomaly

87.3276, 0.3142, 0.3125

Monochromacy



Original Color

87.2014, 0.3154, 0.3144

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

87.9184, 0.3137, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2014, 0.3154, 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(253, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(253, 235, 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(253, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 235, 250) }
```

Border

The CSS property to change the border of an element to Yxy 87.2014, 0.3154, 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(253, 235, 250) }
```

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

```
.border{ border-color:rgb(253, 235, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(253, 235,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2014, 0.3154, 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(253, 235, 250) }
```

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

```
.background{ background-color: rgb(253,  
235, 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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