

Converting Colors

$Yxy(83.2332, 0.3080, 0.3121)$

Have a look what the booklet for
Yxy(83.2332, 0.3080, 0.3121)
contains.

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Color

Yxy(83.2536, 0.3082, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	F1E8F9
RGB	241, 232, 249
RGB Percent	95%, 91%, 98%
CMY	0.0547, 0.0902, 0.0236
CMYK	0.03, 0.07, 0.00, 0.02
HSL	272°, 59%, 94%
HSV	272°, 7%, 98%
XYZ	82.2396, 83.2536, 101.3452
YIQ	236.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

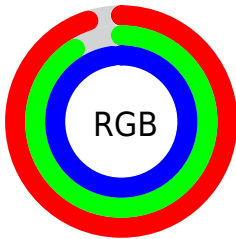
Format	Color
R _{YB}	241, 232, 249
Decimal	15853817
CIE Lab	93.13, 6.08, -7.13
CIE LCh	93, 9.369, 310.479
Yxy	83.2536, 0.3082, 0.3120
Android (android.graphics.Color)	4294043897 (0xFF1E8F9)
YUV	236.6290, 6.0989, 3.8334
Hunter-Lab	91.2434, 1.2099, -1.9838

Details

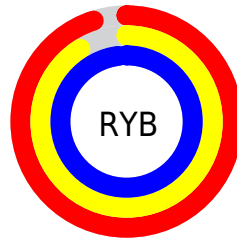
The Yxy color 83.2536, 0.3082, 0.3120 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.0834, 0.3170, 0.3460, and the grayscale version is 84.3461, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 45.2152, 0.3068, 0.3072 is the 20% darker color. If you saturate the color by 10%, you get 68.2351, 0.3006, 0.2854, and if you desaturate by 10%, it is 99.1819, 0.3147, 0.3348.

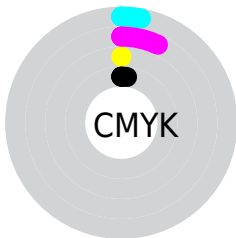
Distribution



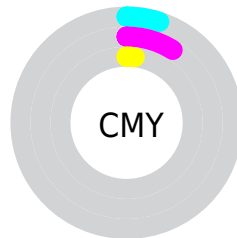
- Red (95%)
- Green (91%)
- Blue (98%)



- Red (95%)
- Yellow (91%)
- Blue (98%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)




- Cyan (5%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.2536, 0.3082, 0.3120 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 83.2536, 0.3082, 0.3120 by changing the saturation by 10% instead.


 83.2536, 0.3082,
0.3120

 83.2536, 0.3082,
0.3120


505.8313, 0.3103,
0.3196

 62.3994, 0.3077,
0.3103


137.9306, 0.3089,
0.3146

 45.3555, 0.3072,
0.3083


172.5222, 0.3092,
0.3156

 31.7375, 0.3064,
0.3057


212.4616, 0.3094,
0.3165

 21.1611, 0.3055,
0.3025

258.1334, 0.3096,
0.3173

 13.2418, 0.3042,
0.2982

309.9218, 0.3098,
0.3180

 7.5953, 0.3024,
0.2922

368.2114, 0.3100,

 3.8371, 0.2996,

0.3186

0.2834

433.3864, 0.3101,
0.3191

■ 1.5828, 0.2947,
0.2691

■ 0.3460, 0.2811,
0.2037

■ 83.2536, 0.3082,
0.3120

■ 83.2536, 0.3082,
0.3120

■ 68.2351, 0.3006,
0.2854

■ 99.1819, 0.3147,
0.3348

■ 55.2442, 0.2918,
0.2570

■ 99.6187, 0.3162,
0.3347

■ 44.1931, 0.2817,
0.2276

■ 34.9831, 0.2705,
0.1981

■ 27.5067, 0.2584,
0.1697

■ 21.6451, 0.2459,
0.1438

■ 17.2634, 0.2333,
0.1220

■ 14.2041, 0.2213,
0.1054

■ 12.2680, 0.2103,
0.0942

Harmonies

Analogous

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



83.2536, 0.2986, 0.3108



83.2536, 0.3082, 0.3120



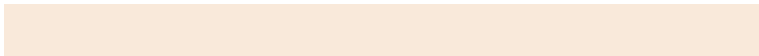
83.2536, 0.3191, 0.3176

Triad

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



83.2536, 0.3082, 0.3120



83.2536, 0.3329, 0.3434



83.2536, 0.2971, 0.3317

Complementary

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



83.2536, 0.3082, 0.3120



92.0834, 0.3170, 0.3460

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.



83.2536, 0.3061, 0.3409



83.2536, 0.3082, 0.3120



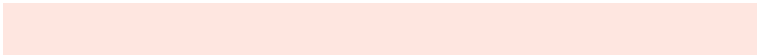
83.2536, 0.3268, 0.3476

Square

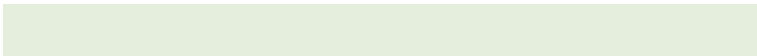
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.2536, 0.3082, 0.3120



83.2536, 0.3336, 0.3355



83.2536, 0.3170, 0.3468



83.2536, 0.2923, 0.3220

Rectangle

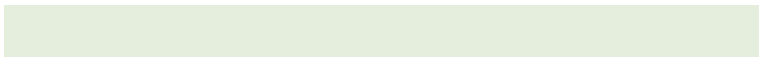
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



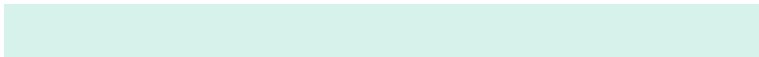
83.2536, 0.3082, 0.3120



83.2536, 0.3257, 0.3230



83.2536, 0.3170, 0.3468



83.2536, 0.2998, 0.3350

Sweetspot

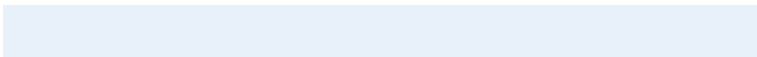
The Sweet Spot groups the original color and five complimentary colors.



83.2572, 0.3082, 0.3120



96.3397, 0.3114, 0.3241



86.4359, 0.3022, 0.3201



20.6590, 0.3115, 0.3244



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.



83.2572, 0.3082, 0.3120



85.9037, 0.3074, 0.3090



84.6685, 0.3137, 0.3126



17.0980, 0.3063, 0.3051



6.3980, 0.2087, 0.0923



0.6557, 0.2211, 0.0992

Inverse Universe

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



84.1350, 0.3192, 0.3211



86.9879, 0.3205, 0.3197



90.7399, 0.3117, 0.3460



17.3603, 0.3220, 0.3180



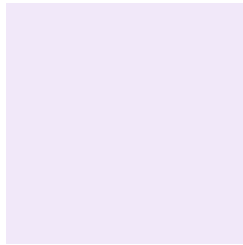
11.4887, 0.5100, 0.2583



1.0853, 0.4816, 0.2427

Previews

White Background



This preview shows how the Yxy color 83.2536, 0.3082, 0.3120 looks on a white background.

Color Contrast Check

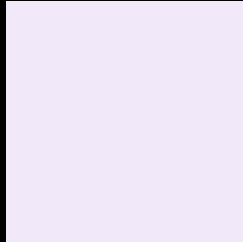
Large Text (above 18pt) WCAG AA × Fail

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 83.2536, 0.3082, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

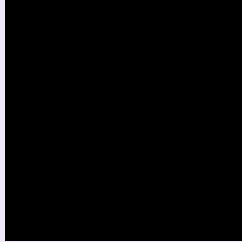
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

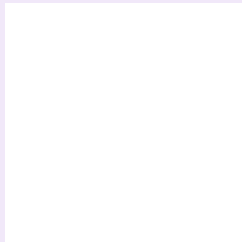
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.2536, 0.3082, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 83.2536, 0.3082, 0.3120.



This preview shows how white text looks on a background with the Yxy color 83.2536, 0.3082, 0.3120.

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

83.2536, 0.3082, 0.3120

Protanopia

83.4099, 0.3036, 0.3128

Deuteranopia

82.8982, 0.3144, 0.3074



Tritanopia

83.3161, 0.3075, 0.3110

Trichromacy



Original Color

83.2536, 0.3082, 0.3120

Protanomaly

83.1845, 0.3049, 0.3119

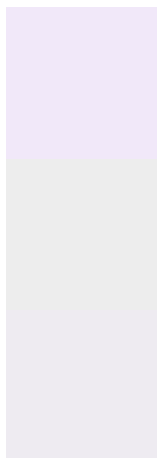
Deuteranomaly

82.7149, 0.3117, 0.3082

Tritanomaly

83.3161, 0.3075, 0.3110

Monochromacy



Original Color

83.2536, 0.3082, 0.3120

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.9447, 0.3110, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.2536, 0.3082, 0.3120 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(241, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 232, 249)  
}
```

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(241, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 232, 249) }
```

Border

The CSS property to change the border of an element to Yxy 83.2536, 0.3082, 0.3120 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(241, 232, 249) }
```

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

```
.border{ border-color:rgb(241, 232, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 232,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 83.2536, 0.3082, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 232, 249) }
```

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

```
.background{ background-color: rgb(241,  
232, 249) }
```

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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