

Converting Colors

$Yxy(85.2478, 0.2941, 0.3187)$

Have a look what the booklet for
Yxy(85.2478, 0.2941, 0.3187)
contains.

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Color

Yxy(85.2478, 0.2941, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	DDF1FB
RGB	221, 241, 251
RGB Percent	87%, 95%, 98%
CMY	0.1336, 0.0548, 0.0157
CMYK	0.12, 0.04, 0.00, 0.02
HSL	200°, 79%, 93%
HSV	200°, 12%, 98%
XYZ	78.6676, 85.2478, 103.5706
YIQ	236.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

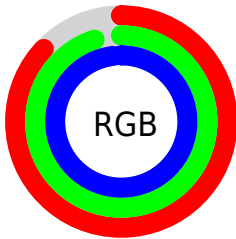
Format	Color
R _Y B	221, 233, 251
Decimal	14545403
CIE Lab	93.99, -4.64, -7.06
CIE LCh	94, 8.447, 236.646
Yxy	85.2478, 0.2941, 0.3187
Android (android.graphics.Color)	4292735483 (0xFFDDDF1FB)
YUV	236.1600, 7.3161, -13.2953
Hunter-Lab	92.3297, -9.4898, -1.8776

Details

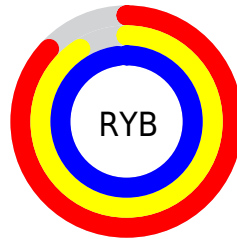
The Yxy color **85.2478, 0.2941, 0.3187** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8149, 0.3332, 0.3391**, and the grayscale version is **83.9540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.7450, 0.2899, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **76.7891, 0.2785, 0.3091**, and if you desaturate by 10%, it is **94.5274, 0.3097, 0.3274**.

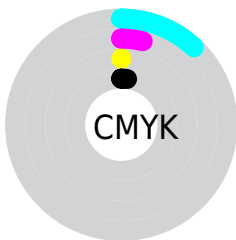
Distribution



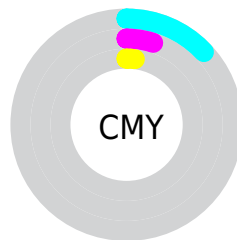
- Red (87%)
- Green (95%)
- Blue (98%)



- Red (87%)
- Yellow (91%)
- Blue (98%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.2478, 0.2941, 0.3187 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 85.2478, 0.2941, 0.3187 by changing the saturation by 10% instead.

85.2478, 0.2941,
0.3187

85.2478, 0.2941,
0.3187

512.4477, 0.3024,
0.3234

64.0462, 0.2923,
0.3176

140.7193, 0.2969,
0.3203

46.6881, 0.2900,
0.3164

175.7580, 0.2981,
0.3209

32.7891, 0.2872,
0.3147

216.1778, 0.2990,
0.3215

21.9649, 0.2837,
0.3127

262.3632, 0.2999,
0.3220

13.8311, 0.2789,
0.3099

314.6984, 0.3006,
0.3224

8.0033, 0.2724,
0.3059

373.5680, 0.3013,

4.0971, 0.2626,

0.3228

0.2999

439.3563, 0.3019,
0.3231

■ 1.7280, 0.2469,
0.2899

■ 0.4417, 0.1779,
0.2564

■ 85.2478, 0.2941,
0.3187

■ 85.2478, 0.2941,
0.3187

■ 76.7891, 0.2785,
0.3091

■ 94.5274, 0.3097,
0.3274

■ 69.1117, 0.2632,
0.2987

■ 99.7448, 0.3150,
0.3328

■ 62.1881, 0.2485,
0.2874

■ 55.9848, 0.2348,
0.2754

■ 50.4651, 0.2225,
0.2630

■ 45.5885, 0.2119,
0.2502

■ 41.3083, 0.2033,
0.2373

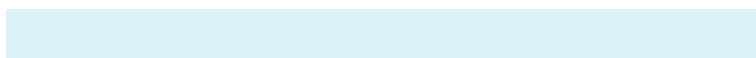
■ 37.5691, 0.1969,
0.2246

■ 34.8964, 0.1930,
0.2146

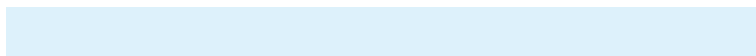
Harmonies

Analogous

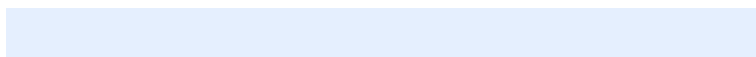
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2478, 0.2959, 0.3267



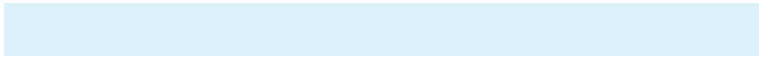
85.2478, 0.2941, 0.3187



85.2478, 0.2972, 0.3137

Triad

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



85.2478, 0.2941, 0.3187



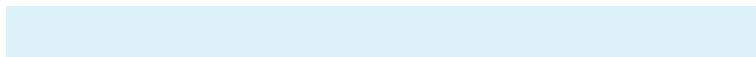
85.2478, 0.3233, 0.3226



85.2478, 0.3209, 0.3458

Complementary

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



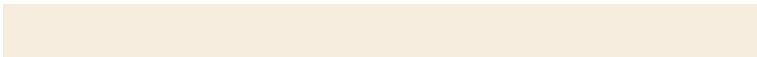
85.2478, 0.2941, 0.3187



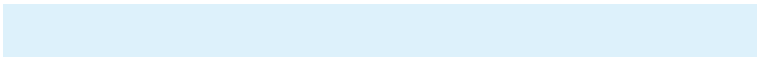
82.8149, 0.3332, 0.3391

Split Complementary

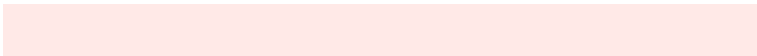
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2478, 0.3284, 0.3444



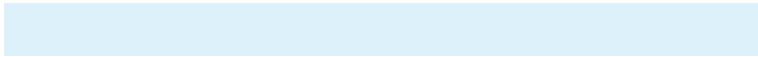
85.2478, 0.2941, 0.3187



85.2478, 0.3298, 0.3310

Square

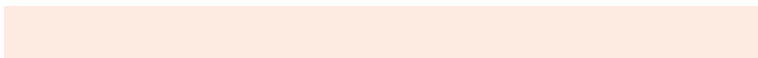
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



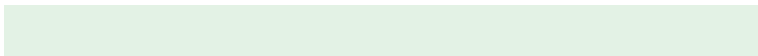
85.2478, 0.2941, 0.3187



85.2478, 0.3140, 0.3160



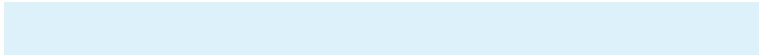
85.2478, 0.3317, 0.3389



85.2478, 0.3112, 0.3425

Rectangle

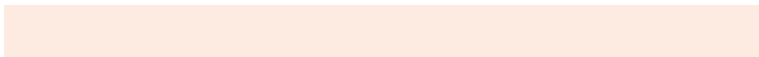
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2478, 0.2941, 0.3187



85.2478, 0.3017, 0.3126



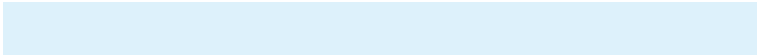
85.2478, 0.3317, 0.3389



85.2478, 0.3237, 0.3459

Sweetspot

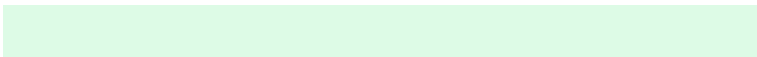
The Sweet Spot groups the original color and five complimentary colors.



85.2514, 0.2941, 0.3187



95.9783, 0.3065, 0.3257



90.0900, 0.3058, 0.3503



20.3848, 0.3054, 0.3251



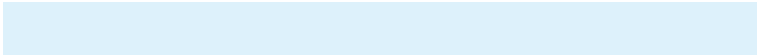
0.0000, 0.0000, 0.0000



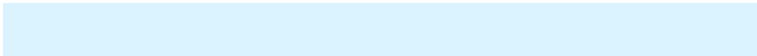
21.4041, 0.3127, 0.3290

Same Dimension

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



85.2514, 0.2941, 0.3187



86.5277, 0.2909, 0.3168



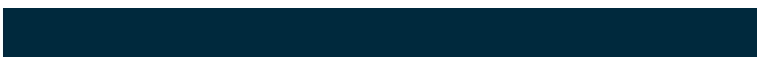
76.9540, 0.2938, 0.3034



18.5823, 0.2980, 0.3210



18.6220, 0.1935, 0.2167



1.9190, 0.1977, 0.2317

Inverse Universe

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



78.5322, 0.3207, 0.3090



78.5609, 0.3222, 0.3055



91.3219, 0.3313, 0.3534



17.4210, 0.3189, 0.3133



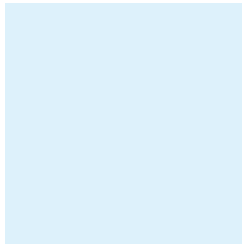
12.2908, 0.4268, 0.2125



1.1580, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 85.2478, 0.2941, 0.3187 looks on a white background.

Color Contrast Check

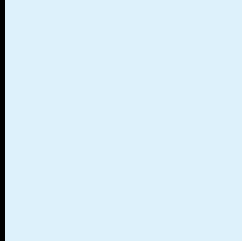
Large Text (above 18pt) WCAG AA × Fail

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 85.2478, 0.2941, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

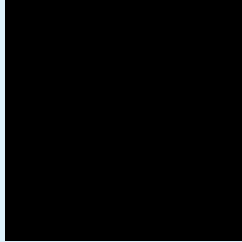
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

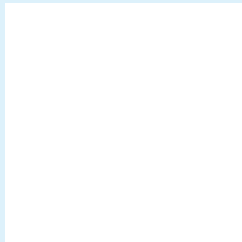
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2478, 0.2941, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 85.2478, 0.2941, 0.3187.

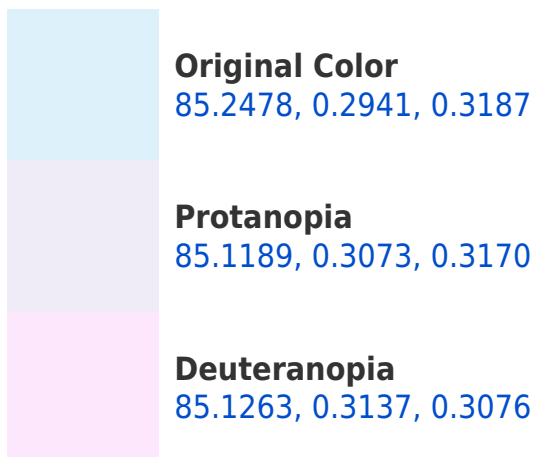


This preview shows how white text looks on a background with the Yxy color 85.2478, 0.2941, 0.3187.

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

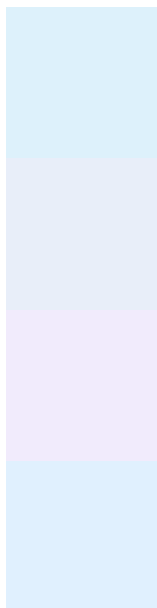




Tritanopia

84.9606, 0.2943, 0.3127

Trichromacy



Original Color

85.2478, 0.2941, 0.3187

Protanomaly

85.1444, 0.3022, 0.3178

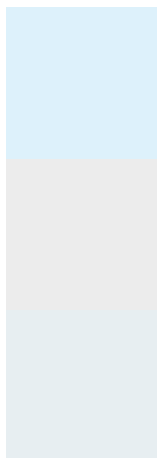
Deuteranomaly

85.1457, 0.3063, 0.3121

Tritanomaly

85.3232, 0.2943, 0.3147

Monochromacy



Original Color

85.2478, 0.2941, 0.3187

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4889, 0.3063, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2478, 0.2941, 0.3187 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(221, 241, 251)` looks like.

```
.text, #text, p{  
    color:rgb(221, 241, 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(221, 241, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 241, 251) }
```

Border

The CSS property to change the border of an element to Yxy 85.2478, 0.2941, 0.3187 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(221, 241, 251) }
```

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

```
.border{ border-color:rgb(221, 241, 251) }
```

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

Here you see how a box with a 4 pixel rgb(221, 241, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 241, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 241, 251);  
box-shadow:4px 4px 4px 4px rgb(221, 241,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2478, 0.2941, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 241, 251) }
```

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

```
.background{ background-color: rgb(221,  
241, 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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