

Converting Colors

$Yxy(86.9555, 0.2962, 0.2808)$

Have a look what the booklet for
Yxy(86.9555, 0.2962, 0.2808)
contains.

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Color

Yxy(85.2545, 0.3125, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	FDE7FF
RGB	253, 231, 255
RGB Percent	99%, 91%, 100%
CMY	0.0076, 0.0942, 0.0000
CMYK	0.01, 0.09, 0.00, 0.00
HSL	295°, 100%, 95%
HSV	295°, 9%, 100%
XYZ	87.1509, 85.2545, 106.4775
YIQ	240.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

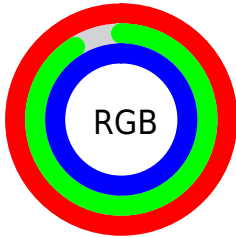
Format	Color
R_{YB}	253, 231, 255
Decimal	16639999
CIE _{Lab}	93.99, 11.65, -8.87
CIE _{LCh}	94, 14.641, 322.693
Yxy	85.2545, 0.3125, 0.3057
Android (android.graphics.Color)	4294830079 (0xFFFDE7FF)
YUV	240.3140, 7.2402, 11.1256
Hunter-Lab	92.3334, 6.8978, -3.7390

Details

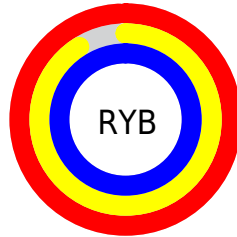
The Yxy color $85.2545, 0.3125, 0.3057$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $94.5997, 0.3128, 0.3533$, and the grayscale version is $87.3422, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.4729, 0.3123, 0.3006$ is the 20% darker color. If you saturate the color by 10%, you get $71.6245, 0.3121, 0.2802$, and if you desaturate by 10%, it is $100.0000, 0.3127, 0.3290$.

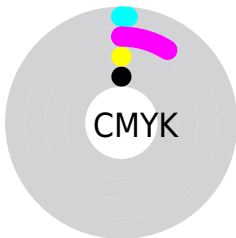
Distribution



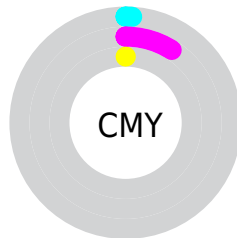
- Red (99%)
- Green (91%)
- Blue (100%)



- Red (99%)
- Yellow (91%)
- Blue (100%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2545, 0.3125, 0.3057 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 85.2545, 0.3125, 0.3057 by changing the saturation by 10% instead.

 85.2545, 0.3125,
0.3057

 85.2545, 0.3125,
0.3057

512.4698, 0.3127,
0.3160

 64.0517, 0.3124,
0.3035

140.7287, 0.3126,
0.3092

 46.6925, 0.3124,
0.3007


175.7689, 0.3126,
0.3106

 32.7927, 0.3123,
0.2974

216.1903, 0.3126,
0.3118

 21.9677, 0.3121,
0.2931

262.3773, 0.3126,
0.3128

 13.8331, 0.3118,
0.2875

314.7144, 0.3127,
0.3137

 8.0047, 0.3114,
0.2798

373.5859, 0.3127,

 4.0980, 0.3107,

0.3146

0.2687

439.3763, 0.3127,
0.3153

■ 1.7285, 0.3092,
0.2511

■ 0.4420, 0.3124,
0.1960

■ 85.2545, 0.3125,
0.3057

■ 85.2545, 0.3125,
0.3057

■ 71.6245, 0.3121,
0.2802

100.0000, 0.3127,
0.3290

■ 59.9855, 0.3115,
0.2545

■ 50.2443, 0.3106,
0.2295

■ 42.2971, 0.3094,
0.2061

■ 36.0297, 0.3080,
0.1855

■ 31.3151, 0.3063,
0.1684

■ 28.0082, 0.3045,
0.1557

■ 25.9361, 0.3025,
0.1474

■ 24.8334, 0.3004,
0.1430

Harmonies

Analogous

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



85.2545, 0.2963, 0.3009



85.2545, 0.3125, 0.3057



85.2545, 0.3291, 0.3163

Triad

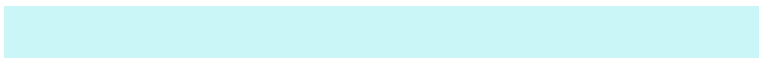
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2545, 0.3125, 0.3057



85.2545, 0.3411, 0.3547



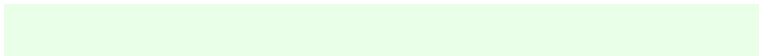
85.2545, 0.2848, 0.3267

Complementary

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



85.2545, 0.3125, 0.3057



94.5997, 0.3128, 0.3533

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.



85.2545, 0.2962, 0.3421



85.2545, 0.3125, 0.3057



85.2545, 0.3287, 0.3585

Square

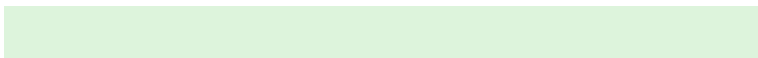
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2545, 0.3125, 0.3057



85.2545, 0.3459, 0.3442



85.2545, 0.3122, 0.3540



85.2545, 0.2806, 0.3125

Rectangle

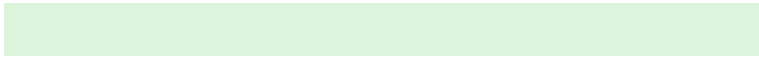
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2545, 0.3125, 0.3057



85.2545, 0.3381, 0.3254



85.2545, 0.3122, 0.3540



85.2545, 0.2879, 0.3320

Sweetspot

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



85.2575, 0.3125, 0.3057



95.0988, 0.3127, 0.3217



82.4766, 0.2980, 0.3067



20.0817, 0.3127, 0.3197



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.



85.2575, 0.3125, 0.3057



82.9637, 0.3125, 0.3017



84.9957, 0.3202, 0.3154



18.2214, 0.3125, 0.3055



12.9797, 0.3007, 0.1430



1.2850, 0.3031, 0.1443

Inverse Universe

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



84.2824, 0.3280, 0.3271



81.8400, 0.3309, 0.3268



94.8568, 0.3059, 0.3431



18.0109, 0.3282, 0.3271



11.1446, 0.6315, 0.3253



1.0929, 0.6135, 0.3153

Previews

White Background



This preview shows how the Yxy color 85.2545, 0.3125, 0.3057 looks on a white background.

Color Contrast Check

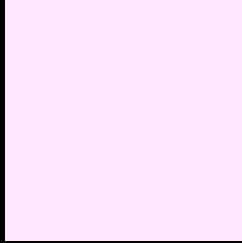
Large Text (above 18pt) WCAG AA × Fail

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 85.2545, 0.3125, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

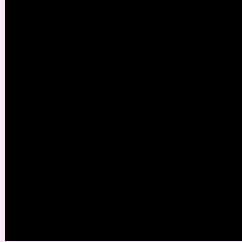
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

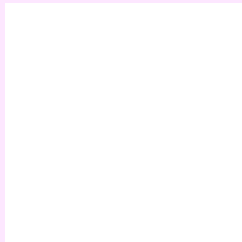
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2545, 0.3125, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 85.2545, 0.3125, 0.3057.

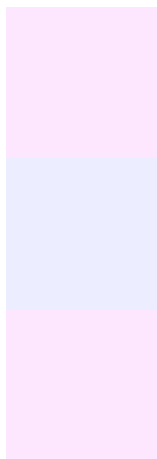


This preview shows how white text looks on a background with the Yxy color 85.2545, 0.3125, 0.3057.

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

85.2545, 0.3125, 0.3057

Protanopia

85.6212, 0.3012, 0.3110

Deuteranopia

85.2545, 0.3125, 0.3057



Tritanopia

85.3108, 0.3149, 0.3114

Trichromacy



Original Color

85.2545, 0.3125, 0.3057

Protanomaly

85.5139, 0.3051, 0.3092

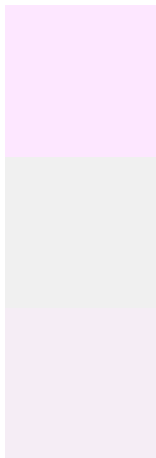
Deuteranomaly

85.2545, 0.3125, 0.3057

Tritanomaly

85.4369, 0.3136, 0.3095

Monochromacy



Original Color

85.2545, 0.3125, 0.3057

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.5734, 0.3131, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2545, 0.3125, 0.3057 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 255)  
}
```

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, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.2545, 0.3125, 0.3057 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, 231, 255) }
```

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

```
.border{ border-color:rgb(253, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2545, 0.3125, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 255) }
```

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

```
.background{ background-color: rgb(253,  
231, 255) }
```

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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