

Converting Colors

$Y_{xy}(100.0000, 0.3525, 0.3181)$

Have a look what the booklet for
Yxy(100.0000, 0.3525, 0.3181)
contains.

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Color

Yxy(88.7305, 0.3166, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDFA
RGB	255, 237, 250
RGB Percent	100%, 93%, 98%
CMY	0.0000, 0.0706, 0.0195
CMYK	0.00, 0.07, 0.02, 0.00
HSL	317°, 100%, 96%
HSV	317°, 7%, 100%
XYZ	88.7866, 88.7305, 102.9206
YIQ	243.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

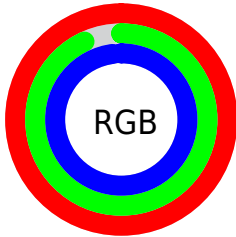
Format	Color
R _Y B	255, 237, 250
Decimal	16772602
CIE Lab	95.47, 8.31, -4.09
CIE LCh	95, 9.262, 333.761
Yxy	88.7305, 0.3166, 0.3164
Android (android.graphics.Color)	4294962682 (0xFFFFEFA)
YUV	243.8640, 3.0250, 9.7663
Hunter-Lab	94.1969, 3.4032, 1.1568

Details

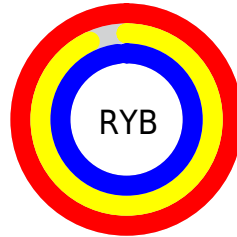
The Yxy color **88.7305, 0.3166, 0.3164** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.9327, 0.3090, 0.3419**, and the grayscale version is **90.3263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9486, 0.3169, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **74.5687, 0.3229, 0.2979**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

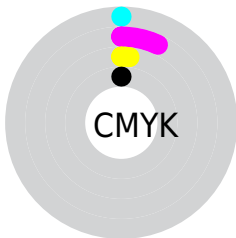
Distribution



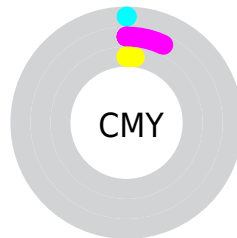
- Red (100%)
- Green (93%)
- Blue (98%)



- Red (100%)
- Yellow (93%)
- Blue (98%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7305, 0.3166, 0.3164 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 88.7305, 0.3166, 0.3164 by changing the saturation by 10% instead.

 88.7305, 0.3166,
0.3164

 88.7305, 0.3166,
0.3164

523.8925, 0.3149,
0.3220

 66.9282, 0.3170,
0.3152


145.5737, 0.3160,
0.3183

 49.0263, 0.3174,
0.3137


181.3835, 0.3158,
0.3190

 34.6403, 0.3180,
0.3119


222.6312, 0.3156,
0.3197

 23.3860, 0.3187,
0.3095

269.7012, 0.3154,
0.3203

 14.8788, 0.3196,
0.3065

322.9779, 0.3153,
0.3208

 8.7343, 0.3208,
0.3023

382.8458, 0.3151,

 4.5683, 0.3226,

0.3212

0.2962

449.6892, 0.3150,
0.3216

■ 1.9963, 0.3255,
0.2865

■ 0.6053, 0.3341,
0.2599

■ 88.7305, 0.3166,
0.3164

■ 88.7305, 0.3166,
0.3164

■ 74.5687, 0.3229,
0.2979

100.0000, 0.3127,
0.3290

■ 62.4327, 0.3303,
0.2789

■ 52.2298, 0.3387,
0.2600

■ 43.8579, 0.3482,
0.2421

■ 37.2054, 0.3587,
0.2262

■ 32.1485, 0.3699,
0.2132

■ 28.5466, 0.3815,
0.2043

■ 26.2347, 0.3931,
0.2002

■ 25.0018, 0.4043,
0.2011

Harmonies

Analogous

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



88.7305, 0.3061, 0.3119



88.7305, 0.3166, 0.3164



88.7305, 0.3262, 0.3242

Triad

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



88.7305, 0.3166, 0.3164



88.7305, 0.3281, 0.3465



88.7305, 0.2936, 0.3242

Complementary

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



88.7305, 0.3166, 0.3164



95.9327, 0.3090, 0.3419

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.



88.7305, 0.2993, 0.3338



88.7305, 0.3166, 0.3164



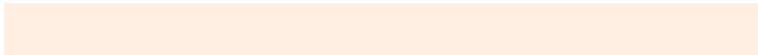
88.7305, 0.3192, 0.3468

Square

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



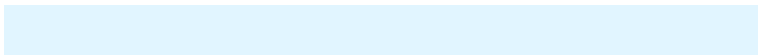
88.7305, 0.3166, 0.3164



88.7305, 0.3329, 0.3415



88.7305, 0.3086, 0.3421



88.7305, 0.2929, 0.3162

Rectangle

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



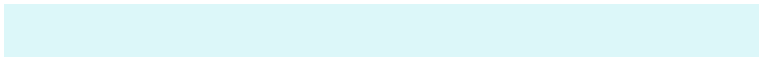
88.7305, 0.3166, 0.3164



88.7305, 0.3308, 0.3302



88.7305, 0.3086, 0.3421



88.7305, 0.2950, 0.3274

Sweetspot

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



88.7324, 0.3166, 0.3164



96.6989, 0.3138, 0.3255



86.6296, 0.3049, 0.3112



20.7321, 0.3137, 0.3257



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.



88.7324, 0.3166, 0.3164



87.3110, 0.3171, 0.3147



88.1906, 0.3221, 0.3249



18.2099, 0.3180, 0.3119



12.9596, 0.4058, 0.2009



1.2803, 0.3938, 0.1943

Inverse Universe

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



88.7324, 0.3166, 0.3164



87.3110, 0.3171, 0.3147



96.4768, 0.3041, 0.3331



18.2099, 0.3180, 0.3119



12.9596, 0.4058, 0.2009



1.2803, 0.3938, 0.1943

Previews

White Background



This preview shows how the Yxy color 88.7305, 0.3166, 0.3164 looks on a white background.

Color Contrast Check

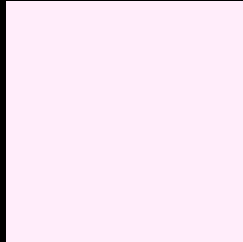
Large Text (above 18pt) WCAG AA × Fail

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 88.7305, 0.3166, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

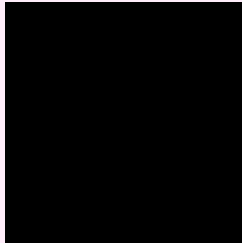
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.7305, 0.3166, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 88.7305, 0.3166, 0.3164.



This preview shows how white text looks on a background with the Yxy color 88.7305, 0.3166, 0.3164.

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

88.7305, 0.3166, 0.3164

Protanopia

88.9936, 0.3074, 0.3181

Deuteranopia

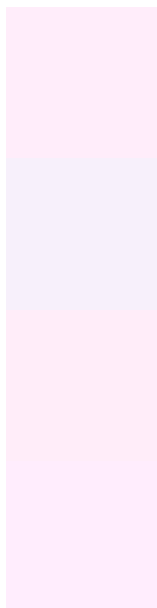
88.6057, 0.3179, 0.3184



Tritanopia

88.9841, 0.3141, 0.3126

Trichromacy



Original Color

88.7305, 0.3166, 0.3164

Protanomaly

89.0594, 0.3106, 0.3182

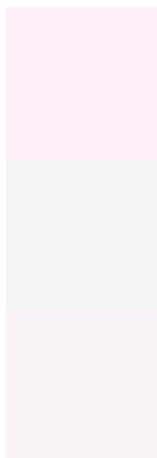
Deuteranomaly

88.6679, 0.3172, 0.3174

Tritanomaly

88.9202, 0.3148, 0.3136

Monochromacy



Original Color

88.7305, 0.3166, 0.3164

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.5209, 0.3143, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7305, 0.3166, 0.3164 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, 237, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 250) }
```

Border

The CSS property to change the border of an element to Yxy 88.7305, 0.3166, 0.3164 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, 237, 250) }
```

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

```
.border{ border-color:rgb(255, 237, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7305, 0.3166, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 250) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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