

Converting Colors

Yxy(88.3501, 0.3156, 0.3128)

Have a look what the booklet for
Yxy(88.3501, 0.3156, 0.3128)
contains.

Yxy(88.3428, 0.3148, 0.3126)	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(88.3428, 0.3148, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	FFECFD
RGB	255, 236, 253
RGB Percent	100%, 93%, 99%
CMY	0.0000, 0.0745, 0.0078
CMYK	0.00, 0.07, 0.01, 0.00
HSL	306°, 100%, 96%
HSV	306°, 7%, 100%
XYZ	88.9645, 88.3428, 105.2992
YIQ	243.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 236, 253
Decimal	16772349
CIE _{Lab}	95.31, 9.33, -5.88
CIE _{LCh}	95, 11.030, 327.812
Yxy	88.3428, 0.3148, 0.3126
Android (android.graphics.Color)	4294962429 (0xFFFFECCFD)
YUV	243.6190, 4.6248, 9.9811
Hunter-Lab	93.9909, 4.4704, -0.6298

Details

The Yxy color $88.3428, 0.3148, 0.3126$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $95.5236, 0.3107, 0.3460$, and the grayscale version is $90.1080, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $48.6338, 0.3153, 0.3094$ is the 20% darker color. If you saturate the color by 10%, you get $74.5272, 0.3179, 0.2899$, and if you desaturate by 10%, it is $99.9991, 0.3127, 0.3290$.

Distribution



Red (100%)

Green (93%)

Blue (99%)



Red (100%)

Yellow (93%)

Blue (99%)



Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3428, 0.3148, 0.3126 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 88.3428, 0.3148, 0.3126 by changing the saturation by 10% instead.


 88.3428, 0.3148,
0.3126

 88.3428, 0.3148,
0.3126

522.6252, 0.3139,
0.3198

 66.6070, 0.3150,
0.3110

145.0343, 0.3145,
0.3150

 48.7653, 0.3152,
0.3091


180.7588, 0.3144,
0.3160

 34.4334, 0.3155,
0.3067


221.9150, 0.3143,
0.3169

 23.2267, 0.3158,
0.3037

268.8873, 0.3142,
0.3176

 14.7610, 0.3162,
0.2998

322.0601, 0.3141,
0.3183

 8.6518, 0.3168,
0.2944

381.8177, 0.3140,

 4.5148, 0.3175,

0.3188

0.2866

448.5446, 0.3140,
0.3194

■ 1.9655, 0.3186,
0.2743

■ 0.5873, 0.3240,
0.2421

■ 88.3428, 0.3148,
0.3126

■ 88.3428, 0.3148,
0.3126

■ 74.5272, 0.3179,
0.2899

99.9991, 0.3127,
0.3290

■ 62.7179, 0.3214,
0.2670

■ 52.8242, 0.3251,
0.2446

■ 44.7437, 0.3292,
0.2237

■ 38.3647, 0.3333,
0.2051

■ 33.5628, 0.3375,
0.1900

■ 30.1971, 0.3416,
0.1790

■ 28.1014, 0.3454,
0.1725

■ 27.0591, 0.3489,
0.1702

Harmonies

Analogous

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



88.3428, 0.3024, 0.3082



88.3428, 0.3148, 0.3126



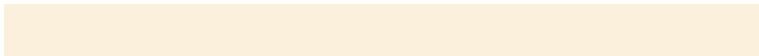
88.3428, 0.3268, 0.3212

Triad

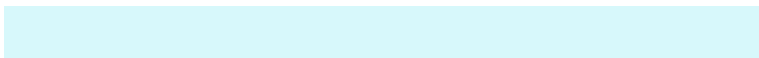
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3428, 0.3148, 0.3126



88.3428, 0.3327, 0.3491



88.3428, 0.2909, 0.3255

Complementary

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



88.3428, 0.3148, 0.3126



95.5236, 0.3107, 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.



88.3428, 0.2987, 0.3369



88.3428, 0.3148, 0.3126



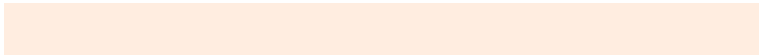
88.3428, 0.3227, 0.3507

Square

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



88.3428, 0.3148, 0.3126



88.3428, 0.3372, 0.3421



88.3428, 0.3103, 0.3463



88.3428, 0.2888, 0.3153

Rectangle

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



88.3428, 0.3148, 0.3126



88.3428, 0.3329, 0.3282



88.3428, 0.3103, 0.3463



88.3428, 0.2929, 0.3293

Sweetspot

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



88.3466, 0.3148, 0.3126



96.7548, 0.3133, 0.3247



85.3755, 0.3024, 0.3101



20.7435, 0.3132, 0.3249



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.



88.3466, 0.3148, 0.3126



86.0679, 0.3153, 0.3091



87.7616, 0.3207, 0.3216



18.2657, 0.3154, 0.3080



14.0591, 0.3492, 0.1697



1.3779, 0.3455, 0.1677

Inverse Universe

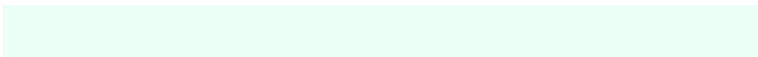
The Inverse Universe completely reimagines the original color for something new.



88.3466, 0.3148, 0.3126



86.0679, 0.3153, 0.3091



96.0912, 0.3054, 0.3365



18.2657, 0.3154, 0.3080



14.0591, 0.3492, 0.1697



1.3779, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 88.3428, 0.3148, 0.3126 looks on a white background.

Color Contrast Check

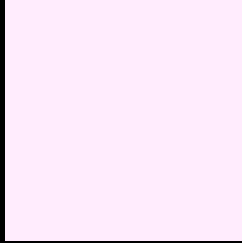
Large Text (above 18pt) WCAG AA × Fail

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 88.3428, 0.3148, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

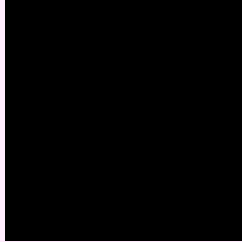
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

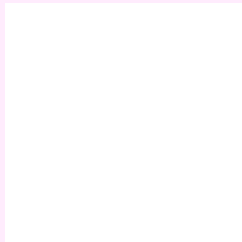
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3428, 0.3148, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 88.3428, 0.3148, 0.3126.



This preview shows how white text looks on a background with the Yxy color 88.3428, 0.3148, 0.3126.

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

88.3428, 0.3148, 0.3126

Protanopia

88.4174, 0.3050, 0.3142

Deuteranopia

88.1530, 0.3167, 0.3155



Tritanopia

88.4067, 0.3142, 0.3117

Trichromacy



Original Color

88.3428, 0.3148, 0.3126

Protanomaly

88.6629, 0.3088, 0.3143

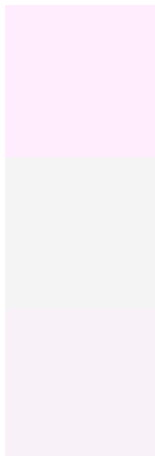
Deuteranomaly

88.2159, 0.3161, 0.3145

Tritanomaly

88.4067, 0.3142, 0.3117

Monochromacy



Original Color

88.3428, 0.3148, 0.3126

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.5825, 0.3136, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3428, 0.3148, 0.3126 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, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 253)  
}
```

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, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 253) }
```

Border

The CSS property to change the border of an element to Yxy 88.3428, 0.3148, 0.3126 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, 236, 253) }
```

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

```
.border{ border-color:rgb(255, 236, 253) }
```

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

Here you see how a box with a 4 pixel rgb(255, 236, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3428, 0.3148, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 253) }
```

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

```
.background{ background-color: rgb(255,  
236, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor