

Converting Colors

Yxy(98.9774, 0.3116, 0.3293)

Have a look what the booklet for
Yxy(98.9774, 0.3116, 0.3293)
contains.

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Color

Yxy(98.7348, 0.3115, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEFE
RGB	252, 254, 254
RGB Percent	99%, 100%, 100%
CMY	0.0116, 0.0039, 0.0040
CMYK	0.01, 0.00, 0.00, 0.00
HSL	180°, 50%, 99%
HSV	180°, 1%, 100%
XYZ	93.4829, 98.7348, 107.8880
YIQ	253.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

Format	Color
RYB	252, 253, 254
Decimal	16580350
CIELab	99.51, -0.64, -0.24
CIELCh	100, 0.682, 200.236
Yxy	98.7348, 0.3115, 0.3290
Android (android.graphics.Color)	4294770430 (0xFFFCFEFE)
YUV	253.4020, 0.2948, -1.2296
Hunter-Lab	99.3654, -5.9566, 5.1804

Details

The Yxy color 98.7348, 0.3115, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.7422, 0.3139, 0.3290, and the grayscale version is 98.5852, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.5658, 0.3111, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 94.3034, 0.2962, 0.3290, and if you desaturate by 10%, it is 99.3029, 0.3133, 0.3289.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 98.7348, 0.3115, 0.3290 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 98.7348, 0.3115, 0.3290 by changing the saturation by 10% instead.

98.7348, 0.3115,
0.3290

98.7348, 0.3115,
0.3290

556.0537, 0.3120,
0.3290

75.2473, 0.3114,
0.3290

159.4144, 0.3117,
0.3290

55.8155, 0.3112,
0.3290

197.3754, 0.3118,
0.3290

40.0550, 0.3111,
0.3290

240.9296, 0.3118,
0.3290

27.5815, 0.3109,
0.3290

290.4615, 0.3119,
0.3290

18.0104, 0.3106,
0.3290

346.3555, 0.3119,
0.3290

10.9574, 0.3102,
0.3290

408.9959, 0.3120,

6.0382, 0.3096,

0.3290

0.3290

478.7672, 0.3120,
0.3290

■ 2.8683, 0.3087,
0.3289

■ 1.0634, 0.3072,
0.3289

■ 98.7348, 0.3115,
0.3290

■ 98.7348, 0.3115,
0.3290

■ 94.3034, 0.2962,
0.3290

■ 99.3029, 0.3133,
0.3289

■ 90.4767, 0.2817,
0.3291

■ 99.3083, 0.3132,
0.3289

■ 87.2322, 0.2685,
0.3291

■ 99.3136, 0.3132,
0.3288

■ 84.5415, 0.2568,
0.3292


■ 99.3189, 0.3132,
0.3287

 82.3734, 0.2467,
0.3293


99.3243, 0.3131,
0.3286

 80.6941, 0.2386,
0.3294


99.3296, 0.3131,
0.3285

 79.4654, 0.2325,
0.3295

99.3350, 0.3130,
0.3285

 78.6438, 0.2283,
0.3296

99.3403, 0.3130,
0.3284

 78.1770, 0.2259,
0.3297

99.3457, 0.3129,
0.3283

Harmonies

Analogous

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

98.7348, 0.3121, 0.3296

98.7348, 0.3115, 0.3290

98.7348, 0.3113, 0.3284

Triad

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

98.7348, 0.3115, 0.3290

98.7348, 0.3127, 0.3279

98.7348, 0.3140, 0.3301

Complementary

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



98.7348, 0.3115, 0.3290



97.7422, 0.3139, 0.3290

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.

98.7348, 0.3142, 0.3297

98.7348, 0.3115, 0.3290

98.7348, 0.3134, 0.3284

Square

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



98.7348, 0.3115, 0.3290



98.7348, 0.3120, 0.3277



98.7348, 0.3140, 0.3290



98.7348, 0.3135, 0.3303

Rectangle

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



98.7348, 0.3115, 0.3290



98.7348, 0.3113, 0.3280



98.7348, 0.3140, 0.3290



98.7348, 0.3141, 0.3300

Sweetspot

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



98.7390, 0.3115, 0.3290

100.0000, 0.3127, 0.3290



98.6202, 0.3126, 0.3309



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



98.7390, 0.3115, 0.3290



99.5190, 0.3111, 0.3290



98.1378, 0.3115, 0.3281



21.3062, 0.3112, 0.3290



41.1158, 0.2249, 0.3297



4.0036, 0.2249, 0.3296

Inverse Universe

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



97.7422, 0.3139, 0.3290



98.2212, 0.3143, 0.3290



98.3402, 0.3139, 0.3299



21.0421, 0.3142, 0.3290



11.1102, 0.6397, 0.3298



1.0821, 0.6389, 0.3293

Previews

White Background



This preview shows how the hex color `#87348`, `(0, 51, 15)` looks on a white background.

Color Contrast Check

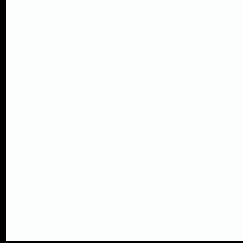
Large Text (above 18pt) WCAG AA × Fail

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 98.7348, 0.3115, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

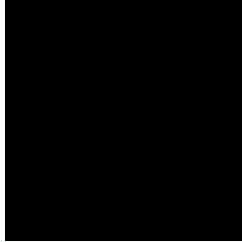
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.7348, 0.3115, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 98.7348, 0.3115, 0.3290.

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

98.7348, 0.3115, 0.3290

Protanopia

98.6024, 0.3140, 0.3290

Deuteranopia

98.6663, 0.3134, 0.3281

Tritanopia

98.5414, 0.3122, 0.3271

Trichromacy

Original Color

98.7348, 0.3115, 0.3290

Protanomaly

98.4132, 0.3133, 0.3290

Deuteranomaly

98.4771, 0.3128, 0.3280

Tritanomaly

98.3532, 0.3116, 0.3271

Monochromacy

Original Color

98.7348, 0.3115, 0.3290

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.2251, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.7348, 0.3115, 0.3290 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text is the color rgb(252, 254, 254) using the color property.

```
.text, #text, p{
  color:rgb(252, 254, 254)
}
```

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(252, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 254) }
```

Border

The CSS property to change the border of an element to Yxy 98.7348, 0.3115, 0.3290 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(252, 254, 254) }
```

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

```
.border{ border-color:rgb(252, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
254) }
```

Background

The CSS property to change the background color of an element to Yxy 98.7348, 0.3115, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 254) }
```

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

```
.background{ background-color: rgb(252,  
254, 254) }
```

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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