

Converting Colors

$Y_{xy}(98.2890, 0.3121, 0.3280)$

Have a look what the booklet for
Yxy(98.2890, 0.3121, 0.3280)
contains.

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Color

Yxy(98.2890, 0.3121, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	FDFDFE
RGB	253, 253, 254
RGB Percent	99%, 99%, 100%
CMY	0.0079, 0.0078, 0.0037
CMYK	0.00, 0.00, 0.00, 0.00
HSL	239°, 36%, 99%
HSV	239°, 0%, 100%
XYZ	93.5244, 98.2890, 107.8482
YIQ	253.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
RYB	253, 253, 254
Decimal	16645630
CIELab	99.33, 0.18, -0.51
CIELCh	99, 0.544, 289.756
Yxy	98.2890, 0.3121, 0.3280
Android (android.graphics.Color)	4294835710 (0xFFFFDFDFE)
YUV	253.1140, 0.4368, -0.1000
Hunter-Lab	99.1408, -5.1086, 4.9012

Details

The Yxy color 98.2890, 0.3121, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.0728, 0.3133, 0.3300, and the grayscale version is 98.3263, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.2468, 0.3120, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 79.1240, 0.2963, 0.3024, and if you desaturate by 10%, it is 99.9389, 0.3133, 0.3299.

Distribution



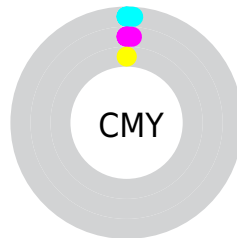
- Red (99%)
- Green (99%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 98.2890, 0.3121, 0.3280 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 98.2890, 0.3121, 0.3280 by changing the saturation by 10% instead.

98.2890, 0.3121,
0.3280

98.2890, 0.3121,
0.3280

554.6416, 0.3124,
0.3284

74.8754, 0.3120,
0.3279

158.8008, 0.3122,
0.3282

55.5108, 0.3120,
0.3278

196.6677, 0.3122,
0.3282

39.8109, 0.3119,
0.3276

240.1213, 0.3123,
0.3283

27.3911, 0.3118,
0.3275

289.5458, 0.3123,
0.3283

17.8672, 0.3116,
0.3272

345.3257, 0.3123,
0.3283

10.8547, 0.3114,
0.3269

407.8454, 0.3123,

5.9692, 0.3111,

0.3284

0.3264

477.4892, 0.3124,
0.3284

■ 2.8264, 0.3107,
0.3257

■ 1.0418, 0.3099,
0.3244

■ 98.2890, 0.3121,
0.3280

98.2890, 0.3121,
0.3280

■ 79.1240, 0.2963,
0.3024

99.9389, 0.3133,
0.3299

■ 62.5397, 0.2785,
0.2734

■ 48.4297, 0.2587,
0.2412

■ 36.6756, 0.2376,
0.2066

■ 27.1490, 0.2160,
0.1711

■ 19.7094, 0.1953,
0.1369

■ 14.2003, 0.1772,
0.1067

■ 10.4434, 0.1631,
0.0831

■ 8.2270, 0.1542,
0.0678

Harmonies

Analogous

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

98.2890, 0.3117, 0.3281

98.2890, 0.3121, 0.3280

98.2890, 0.3127, 0.3281

Triad

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

98.2890, 0.3121, 0.3280

98.2890, 0.3139, 0.3295

98.2890, 0.3122, 0.3295

Complementary

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

98.2890, 0.3121, 0.3280

99.0728, 0.3133, 0.3300

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.

98.2890, 0.3128, 0.3299

98.2890, 0.3121, 0.3280

98.2890, 0.3138, 0.3299

Square

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



98.2890, 0.3121, 0.3280



98.2890, 0.3137, 0.3290



98.2890, 0.3134, 0.3300



98.2890, 0.3118, 0.3290

Rectangle

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

98.2890, 0.3121, 0.3280

98.2890, 0.3131, 0.3284

98.2890, 0.3134, 0.3300

98.2890, 0.3124, 0.3297

Sweetspot

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



98.2932, 0.3121, 0.3280

100.0000, 0.3127, 0.3290



98.9514, 0.3121, 0.3290



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.



98.2932, 0.3121, 0.3280



97.9346, 0.3112, 0.3266




98.3734, 0.3124, 0.3280



20.9838, 0.3113, 0.3267



3.8535, 0.1503, 0.0612



0.3943, 0.1511, 0.0639

Inverse Universe

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



98.4137, 0.3134, 0.3290



98.2238, 0.3143, 0.3290



98.9923, 0.3130, 0.3300



21.0426, 0.3142, 0.3290



11.1170, 0.6381, 0.3289



1.0843, 0.6334, 0.3263

Previews

White Background



This preview shows how the Yxy color 98.2890, 0.3121, 0.3290 looks on a white background.

Color Contrast Check

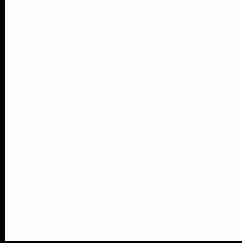
Large Text (above 18pt) WCAG AA × Fail

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 98.2890, 0.3121, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

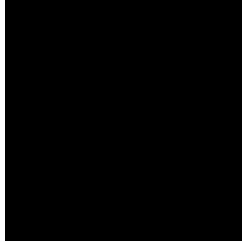
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.2890, 0.3121, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 98.2890, 0.3121, 0.3280.

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

98.2890, 0.3121, 0.3280

Protanopia

97.9727, 0.3140, 0.3281

Deuteranopia

97.9727, 0.3140, 0.3281

Tritanopia

98.3532, 0.3116, 0.3271

Trichromacy

Original Color

98.2890, 0.3121, 0.3280

Protanomaly

97.7835, 0.3134, 0.3280

Deuteranomaly

97.7835, 0.3134, 0.3280

Tritanomaly

98.3532, 0.3116, 0.3271

Monochromacy

Original Color

98.2890, 0.3121, 0.3280

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 98.2890, 0.3121, 0.3280 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, 253, 254) looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 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(253, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 254) }
```

Border

The CSS property to change the border of an element to Yxy 98.2890, 0.3121, 0.3280 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, 253, 254) }
```

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

```
.border{ border-color:rgb(253, 253, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
254) }
```

Background

The CSS property to change the background color of an element to Yxy 98.2890, 0.3121, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 254) }
```

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

```
.background{ background-color: rgb(253,  
253, 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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