

Converting Colors

$Y_{xy}(100.0000, 0.2913, 0.2963)$

Have a look what the booklet for
Yxy(100.0000, 0.2913, 0.2963)
contains.

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Color

Yxy(97.7946, 0.3097, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FAFDFF
RGB	250, 253, 255
RGB Percent	98%, 99%, 100%
CMY	0.0197, 0.0078, 0.0001
CMYK	0.02, 0.01, 0.00, 0.00
HSL	204°, 99%, 99%
HSV	204°, 2%, 100%
XYZ	92.5924, 97.7946, 108.5876
YIQ	252.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 252, 255
Decimal	16449023
CIE Lab	99.14, -0.64, -1.30
CIE LCh	99, 1.449, 243.838
Yxy	97.7946, 0.3097, 0.3271
Android (android.graphics.Color)	4294639103 (0xFFFAFDFF)
YUV	252.3310, 1.3158, -2.0443
Hunter-Lab	98.8912, -5.9288, 4.1203

Details

The Yxy color 97.7946, 0.3097, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.7493, 0.3158, 0.3309, and the grayscale version is 97.6267, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.0264, 0.3097, 0.3266 is the 20% darker color. If you saturate the color by 10%, you get 87.2255, 0.2941, 0.3168, and if you desaturate by 10%, it is 99.9989, 0.3127, 0.3290.

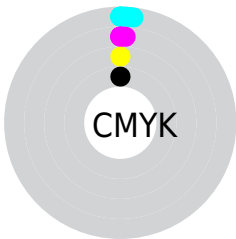
Distribution



- Red (98%)
- Green (99%)
- Blue (100%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.7946, 0.3097, 0.3271 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 97.7946, 0.3097, 0.3271 by changing the saturation by 10% instead.


 97.7946, 0.3097,
0.3271

 97.7946, 0.3097,
0.3271

553.0734, 0.3110,
0.3279

 74.4631, 0.3094,
0.3269


158.1199, 0.3101,
0.3274

 55.1731, 0.3091,
0.3267

195.8824, 0.3103,
0.3275

 39.5404, 0.3086,
0.3264


239.2241, 0.3105,
0.3276

 27.1804, 0.3081,
0.3261

288.5293, 0.3106,
0.3277

 17.7087, 0.3074,
0.3256

344.1825, 0.3107,
0.3278

 10.7411, 0.3064,
0.3250

406.5679, 0.3108,

 5.8930, 0.3050,

0.3278

0.3241

476.0701, 0.3109,
0.3279

■ 2.7801, 0.3028,
0.3227

■ 1.0180, 0.2989,
0.3201

■ 97.7946, 0.3097,
0.3271

■ 97.7946, 0.3097,
0.3271

■ 87.2255, 0.2941,
0.3168

99.9989, 0.3127,
0.3290

■ 77.5926, 0.2782,
0.3053

■ 68.8678, 0.2625,
0.2928

■ 61.0167, 0.2471,
0.2792

■ 54.0023, 0.2326,
0.2648

■ 47.7840, 0.2194,
0.2497

■ 42.3173, 0.2079,
0.2342

■ 37.5512, 0.1984,
0.2188

■ 33.4255, 0.1911,
0.2036

Harmonies

Analogous

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

97.7946, 0.3098, 0.3283

97.7946, 0.3097, 0.3271

97.7946, 0.3104, 0.3264

Triad

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



97.7946, 0.3097, 0.3271



97.7946, 0.3148, 0.3283



97.7946, 0.3137, 0.3317

Complementary

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



97.7946, 0.3097, 0.3271



97.7493, 0.3158, 0.3309

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.



97.7946, 0.3150, 0.3317



97.7946, 0.3097, 0.3271



97.7946, 0.3157, 0.3297

Square

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



97.7946, 0.3097, 0.3271



97.7946, 0.3133, 0.3271



97.7946, 0.3158, 0.3309



97.7946, 0.3121, 0.3310

Rectangle

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



97.7946, 0.3097, 0.3271



97.7946, 0.3112, 0.3263



97.7946, 0.3158, 0.3309



97.7946, 0.3142, 0.3318

Sweetspot

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



97.7988, 0.3097, 0.3271



98.8802, 0.3112, 0.3280



98.8518, 0.3114, 0.3320



21.1763, 0.3113, 0.3281



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.



97.7988, 0.3097, 0.3271



97.7702, 0.3096, 0.3271



96.2641, 0.3098, 0.3247



20.9503, 0.3098, 0.3272



16.2405, 0.1873, 0.1941



1.7944, 0.1920, 0.2111

Inverse Universe

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



96.7106, 0.3141, 0.3261



96.6603, 0.3141, 0.3261



99.2952, 0.3156, 0.3332



20.7243, 0.3141, 0.3262



12.3674, 0.4520, 0.2263



1.2257, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 97.7946, 0.3097, 0.3271 looks on a white background.

Color Contrast Check

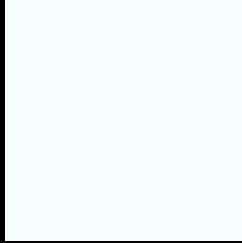
Large Text (above 18pt) WCAG AA × Fail

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 97.7946, 0.3097, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

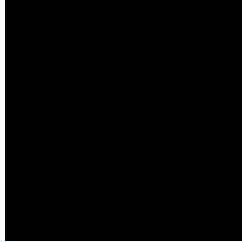
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.7946, 0.3097, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 97.7946, 0.3097, 0.3271.



This preview shows how white text looks on a background with the Yxy color 97.7946, 0.3097, 0.3271.

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

97.7946, 0.3097, 0.3271

Protanopia

97.9727, 0.3140, 0.3281

Deuteranopia

97.9727, 0.3140, 0.3281

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy

Original Color

97.7946, 0.3097, 0.3271

Protanomaly

97.6592, 0.3122, 0.3271

Deuteranomaly

97.6592, 0.3122, 0.3271

Tritanomaly

97.3500, 0.3104, 0.3261

Monochromacy

Original Color

97.7946, 0.3097, 0.3271

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.2219, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.7946, 0.3097, 0.3271 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(250, 253, 255) looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 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(250, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 97.7946, 0.3097, 0.3271 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(250, 253, 255) }
```

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

```
.border{ border-color:rgb(250, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 97.7946, 0.3097, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 255) }
```

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

```
.background{ background-color: rgb(250,  
253, 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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