

Converting Colors

$Y_{xy}(97.7835, 0.3109, 0.3286)$

Have a look what the booklet for
Yxy(97.7835, 0.3109, 0.3286)
contains.

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Color

Yxy(97.6664, 0.3108, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	FAFDFD
RGB	250, 253, 253
RGB Percent	98%, 99%, 99%
CMY	0.0199, 0.0078, 0.0078
CMYK	0.01, 0.00, 0.00, 0.01
HSL	180°, 44%, 99%
HSV	180°, 1%, 99%
XYZ	92.2636, 97.6664, 106.9284
YIQ	252.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

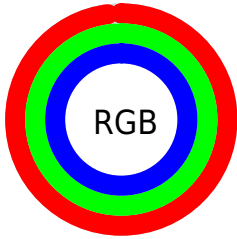
Format	Color
R _Y B	250, 252, 253
Decimal	16449021
CIE Lab	99.09, -1.01, -0.36
CIE LCh	99, 1.073, 199.832
Yxy	97.6664, 0.3108, 0.3290
Android (android.graphics.Color)	4294639101 (0xFFFAFD _{FD})
YUV	252.1030, 0.4422, -1.8443
Hunter-Lab	98.8263, -6.2997, 5.0277

Details

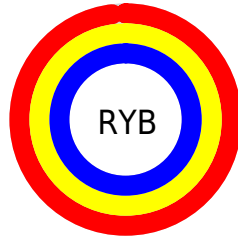
The Yxy color 97.6664, 0.3108, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.1175, 0.3147, 0.3290, and the grayscale version is 97.4294, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.9347, 0.3111, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 93.3027, 0.2955, 0.3290, and if you desaturate by 10%, it is 98.6228, 0.3139, 0.3289.

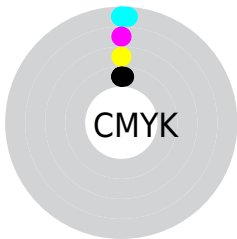
Distribution



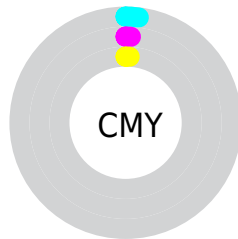
- Red (98%)
- Green (99%)
- Blue (99%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.6664, 0.3108, 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 97.6664, 0.3108, 0.3290 by changing the saturation by 10% instead.

 97.6664, 0.3108,
0.3290

 97.6664, 0.3108,
0.3290

552.6664, 0.3116,
0.3290

 74.3562, 0.3106,
0.3290

157.9433, 0.3111,
0.3290

 55.0856, 0.3104,
0.3290

195.6787, 0.3112,
0.3290

 39.4703, 0.3101,
0.3290


238.9913, 0.3113,
0.3290

 27.1258, 0.3098,
0.3290

288.2656, 0.3114,
0.3290

 17.6677, 0.3093,
0.3290

343.8858, 0.3115,
0.3290

 10.7117, 0.3087,
0.3290

406.2364, 0.3115,

 5.8733, 0.3078,

0.3290

475.7018, 0.3116,
0.3290

0.3290

■ 2.7682, 0.3064,
0.3289

■ 1.0119, 0.3039,
0.3289

■ 97.6664, 0.3108,
0.3290

■ 97.6664, 0.3108,
0.3290

■ 93.3027, 0.2955,
0.3290

■ 98.6228, 0.3139,
0.3289

■ 89.5369, 0.2811,
0.3291

■ 98.6273, 0.3139,
0.3289

■ 86.3470, 0.2679,
0.3291


■ 98.6317, 0.3138,
0.3288

■ 83.7044, 0.2563,
0.3292

■ 98.6362, 0.3138,
0.3287

 81.5784, 0.2463,
0.3292

 98.6407, 0.3138,
0.3287

 79.9351, 0.2383,
0.3293

 98.6452, 0.3137,
0.3286

 78.7366, 0.2322,
0.3294

 98.6496, 0.3137,
0.3285

 77.9394, 0.2281,
0.3294

 98.6541, 0.3136,
0.3285

 77.4912, 0.2258,
0.3295

 98.6586, 0.3136,
0.3284

Harmonies

Analogous

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

97.6664, 0.3117, 0.3300

97.6664, 0.3108, 0.3290

97.6664, 0.3104, 0.3280

Triad

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



97.6664, 0.3108, 0.3290



97.6664, 0.3126, 0.3273



97.6664, 0.3148, 0.3308

Complementary

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



97.6664, 0.3108, 0.3290



96.1175, 0.3147, 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.



97.6664, 0.3150, 0.3301



97.6664, 0.3108, 0.3290



97.6664, 0.3138, 0.3280

Square

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



97.6664, 0.3108, 0.3290



97.6664, 0.3115, 0.3270



97.6664, 0.3147, 0.3290



97.6664, 0.3140, 0.3311

Rectangle

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



97.6664, 0.3108, 0.3290



97.6664, 0.3105, 0.3275



97.6664, 0.3147, 0.3290



97.6664, 0.3149, 0.3306

Sweetspot

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



97.6706, 0.3108, 0.3290

100.0000, 0.3127, 0.3290



97.4854, 0.3126, 0.3320



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.



97.6706, 0.3108, 0.3290



99.5191, 0.3111, 0.3290



96.7325, 0.3109, 0.3276



21.3063, 0.3112, 0.3290



41.1200, 0.2249, 0.3296



4.0040, 0.2249, 0.3295

Inverse Universe

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



96.1175, 0.3147, 0.3290



98.2211, 0.3143, 0.3290



97.0477, 0.3146, 0.3304



21.0421, 0.3142, 0.3290



11.1100, 0.6398, 0.3298



1.0820, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 97.6664, 0.3108, 0.3290 looks on a white background.

Color Contrast Check

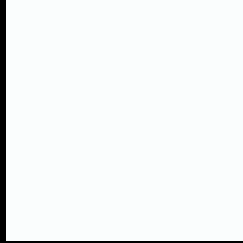
Large Text (above 18pt) WCAG AA × Fail

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 97.6664, 0.3108, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

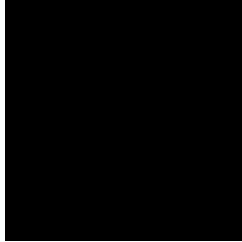
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.6664, 0.3108, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 97.6664, 0.3108, 0.3290.



This preview shows how white text looks on a background with the Yxy color 97.6664, 0.3108, 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

97.6664, 0.3108, 0.3290

Protanopia

97.9091, 0.3146, 0.3290

Deuteranopia

97.3462, 0.3141, 0.3271

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy

Original Color

97.6664, 0.3108, 0.3290

Protanomaly

97.5317, 0.3133, 0.3290

Deuteranomaly

97.5953, 0.3128, 0.3280

Tritanomaly

97.2858, 0.3109, 0.3271

Monochromacy

Original Color

97.6664, 0.3108, 0.3290

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.1583, 0.3121, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.6664, 0.3108, 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 in the color rgb(250, 253, 253) looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 97.6664, 0.3108, 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(250, 253, 253) }
```

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

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

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, 253)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 97.6664, 0.3108, 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(250, 253, 253) }
```

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

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

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