

Converting Colors

$Yxy(96.9206, 0.3127, 0.3290)$

Have a look what the booklet for
Yxy(96.9206, 0.3127, 0.3290)
contains.

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Color

Yxy(97.1583, 0.3121, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCFC
RGB	251, 252, 252
RGB Percent	98%, 99%, 99%
CMY	0.0156, 0.0118, 0.0118
CMYK	0.00, 0.00, 0.00, 0.01
HSL	180°, 14%, 99%
HSV	180°, 0%, 99%
XYZ	92.1675, 97.1583, 105.9882
YIQ	251.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

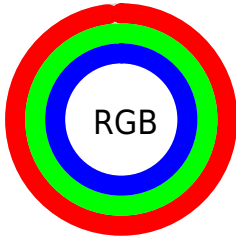
Format	Color
R _Y B	251, 252, 252
Decimal	16514300
CIE Lab	98.89, -0.32, -0.12
CIE LCh	99, 0.343, 201.270
Yxy	97.1583, 0.3121, 0.3290
Android (android.graphics.Color)	4294704380 (0xFFFBFCFC)
YUV	251.7010, 0.1474, -0.6148
Hunter-Lab	98.5689, -5.5880, 5.2455

Details

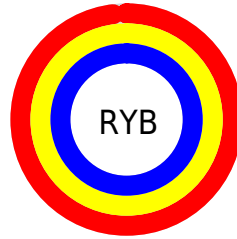
The Yxy color 97.1583, 0.3121, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.6650, 0.3133, 0.3290, and the grayscale version is 97.0861, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5724, 0.3127, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 92.7819, 0.2968, 0.3291, and if you desaturate by 10%, it is 97.9181, 0.3145, 0.3289.

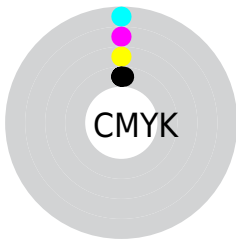
Distribution



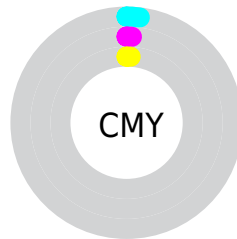
- Red (98%)
- Green (99%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.1583, 0.3121, 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 97.1583, 0.3121, 0.3290 by changing the saturation by 10% instead.

 97.1583, 0.3121,
0.3290

 97.1583, 0.3121,
0.3290

551.0517, 0.3124,
0.3290

 73.9326, 0.3120,
0.3290

157.2430, 0.3122,
0.3290

 54.7389, 0.3120,
0.3290


194.8709, 0.3122,
0.3290

 39.1927, 0.3119,
0.3290


238.0683, 0.3123,
0.3290

 26.9097, 0.3118,
0.3290

287.2195, 0.3123,
0.3290

 17.5054, 0.3116,
0.3290

342.7091, 0.3123,
0.3290

 10.5955, 0.3114,
0.3290


404.9214, 0.3123,


 5.7955, 0.3111,


0.3290


474.2408, 0.3124,
0.3290

0.3290


 2.7212, 0.3107,
0.3289


 0.9879, 0.3098,
0.3289


 97.1583, 0.3121,
0.3290

 97.1583, 0.3121,
0.3290


 92.7819, 0.2968,
0.3291

 97.9181, 0.3145,
0.3289


 88.9999, 0.2823,
0.3292

 97.9255, 0.3145,
0.3288

 85.7904, 0.2690,
0.3293

 97.9329, 0.3144,
0.3287

 83.1254, 0.2572,
0.3294

 97.9403, 0.3143,
0.3286

80.9748, 0.2472,
0.3295

97.9477, 0.3143,
0.3285

79.3051, 0.2390,
0.3296

97.9551, 0.3142,
0.3283

78.0794, 0.2328,
0.3297

97.9625, 0.3141,
0.3282

77.2550, 0.2285,
0.3299

97.9699, 0.3141,
0.3281

76.7812, 0.2261,
0.3300

97.9773, 0.3140,
0.3280

Harmonies

Analogous

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



97.1583, 0.3124, 0.3293



97.1583, 0.3121, 0.3290



97.1583, 0.3120, 0.3287

Triad

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

97.1583, 0.3121, 0.3290

97.1583, 0.3127, 0.3285

97.1583, 0.3134, 0.3296

Complementary

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



97.1583, 0.3121, 0.3290



96.6650, 0.3133, 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.

97.1583, 0.3135, 0.3294

97.1583, 0.3121, 0.3290

97.1583, 0.3131, 0.3287

Square

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



97.1583, 0.3121, 0.3290



97.1583, 0.3123, 0.3284



97.1583, 0.3134, 0.3290



97.1583, 0.3131, 0.3297

Rectangle

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



97.1583, 0.3121, 0.3290



97.1583, 0.3120, 0.3285



97.1583, 0.3134, 0.3290



97.1583, 0.3134, 0.3295

Sweetspot

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



97.1625, 0.3121, 0.3290

100.0000, 0.3127, 0.3290



97.1033, 0.3127, 0.3300



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.



97.1625, 0.3121, 0.3290

100.0000, 0.3127, 0.3290



96.8628, 0.3121, 0.3285



20.4902, 0.3127, 0.3290



39.8897, 0.2250, 0.3301



3.6949, 0.2250, 0.3300

Inverse Universe

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



96.6650, 0.3133, 0.3290

100.0000, 0.3127, 0.3290



96.9638, 0.3133, 0.3295



20.4902, 0.3127, 0.3290



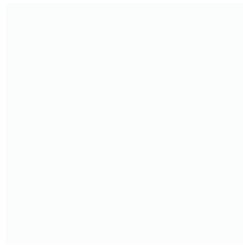
10.7824, 0.6396, 0.3297



0.9991, 0.6384, 0.3291

Previews

White Background



This preview shows how the Yxy color 97.1583, 0.3121, 0.3290 looks on a white background.

Color Contrast Check

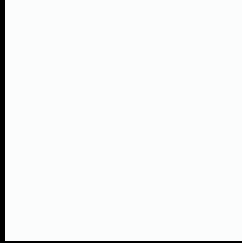
Large Text (above 18pt) WCAG AA × Fail

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 97.1583, 0.3121, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

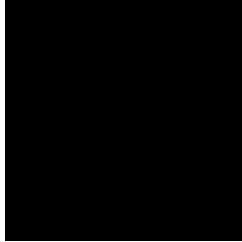
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.1583, 0.3121, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 97.1583, 0.3121, 0.3290.



This preview shows how white text looks on a background with the Yxy color 97.1583, 0.3121, 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

97.1583, 0.3121, 0.3290

Protanopia

97.2194, 0.3152, 0.3290

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

Original Color

97.1583, 0.3121, 0.3290

Protanomaly

97.0302, 0.3146, 0.3290

Deuteranomaly

97.0935, 0.3140, 0.3280

Tritanomaly

96.8456, 0.3116, 0.3261

Monochromacy

Original Color

97.1583, 0.3121, 0.3290

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.3445, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.1583, 0.3121, 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(251, 252, 252) looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 252)  
}
```

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(251, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 252) }
```

Border

The CSS property to change the border of an element to Yxy 97.1583, 0.3121, 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(251, 252, 252) }
```

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

```
.border{ border-color:rgb(251, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
252) }
```

Background

The CSS property to change the background color of an element to Yxy 97.1583, 0.3121, 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(251, 252, 252) }
```

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

```
.background{ background-color: rgb(251,  
252, 252) }
```

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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