

Converting Colors

Yxy(98.9838, 0.3118, 0.3290)

Have a look what the booklet for
Yxy(98.9838, 0.3118, 0.3290)
contains.

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Color

Yxy(98.9220, 0.3121, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	FD FE FE
RGB	253, 254, 254
RGB Percent	99%, 100%, 100%
CMY	0.0078, 0.0039, 0.0039
CMYK	0.00, 0.00, 0.00, 0.00
HSL	180°, 33%, 99%
HSV	180°, 0%, 100%
XYZ	93.8406, 98.9220, 107.9122
YIQ	253.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
RYB	253, 254, 254
Decimal	16645886
CIELab	99.58, -0.32, -0.13
CIElCh	100, 0.345, 201.270
Yxy	98.9220, 0.3121, 0.3290
Android (android.graphics.Color)	4294835966 (0xFFFD FEFE)
YUV	253.7010, 0.1474, -0.6148
Hunter-Lab	99.4595, -5.6385, 5.2929

Details

The Yxy color 98.9220, 0.3121, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.4198, 0.3133, 0.3290, and the grayscale version is 98.8485, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.6995, 0.3119, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 94.4645, 0.2967, 0.3291, and if you desaturate by 10%, it is 99.3097, 0.3133, 0.3289.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 98.9220, 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 98.9220, 0.3121, 0.3290 by changing the saturation by 10% instead.


98.9220, 0.3121,
0.3290

98.9220, 0.3121,
0.3290


556.6461, 0.3124,
0.3290

 75.4035, 0.3120,
0.3290


159.6721, 0.3122,
0.3290

 55.9435, 0.3120,
0.3290


197.6724, 0.3122,
0.3290

 40.1576, 0.3119,
0.3290


241.2689, 0.3123,
0.3290

 27.6615, 0.3118,
0.3290

290.8458, 0.3123,
0.3290

 18.0706, 0.3116,
0.3290

346.7876, 0.3123,
0.3290

 11.0007, 0.3114,
0.3290


409.4786, 0.3123,


 6.0673, 0.3111,


0.3290

0.3290


479.3033, 0.3124,
0.3290

 2.8861, 0.3107,
0.3289


 1.0725, 0.3099,
0.3289

 98.9220, 0.3121,
0.3290


98.9220, 0.3121,
0.3290

 94.4645, 0.2967,
0.3291


99.3097, 0.3133,
0.3289

 90.6125, 0.2823,
0.3292

99.3172, 0.3132,
0.3288

 87.3440, 0.2690,
0.3293

99.3247, 0.3131,
0.3287

 84.6303, 0.2572,
0.3294

99.3323, 0.3131,
0.3286

82.4406, 0.2472,
0.3295

99.3398, 0.3130,
0.3284

80.7411, 0.2390,
0.3296

99.3473, 0.3129,
0.3283

79.4937, 0.2328,
0.3297

99.3549, 0.3129,
0.3282

78.6553, 0.2285,
0.3299

99.3624, 0.3128,
0.3281

78.1738, 0.2261,
0.3300

99.3664, 0.3128,
0.3281

Harmonies

Analogous

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

98.9220, 0.3124, 0.3293

98.9220, 0.3121, 0.3290

98.9220, 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.

98.9220, 0.3121, 0.3290

98.9220, 0.3127, 0.3285

98.9220, 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.

98.9220, 0.3121, 0.3290

98.4198, 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.

98.9220, 0.3135, 0.3294

98.9220, 0.3121, 0.3290

98.9220, 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.

98.9220, 0.3121, 0.3290

98.9220, 0.3123, 0.3284

98.9220, 0.3134, 0.3290

98.9220, 0.3131, 0.3297

Rectangle

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

98.9220, 0.3121, 0.3290

98.9220, 0.3120, 0.3285

98.9220, 0.3134, 0.3290

98.9220, 0.3134, 0.3295

Sweetspot

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



98.9262, 0.3121, 0.3290



100.0000, 0.3127, 0.3290



98.8660, 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.



98.9262, 0.3121, 0.3290



100.0000, 0.3127, 0.3290



98.6212, 0.3121, 0.3285



21.4041, 0.3127, 0.3290



41.1045, 0.2250, 0.3301



4.0027, 0.2250, 0.3300

Inverse Universe

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



98.4198, 0.3133, 0.3290

100.0000, 0.3127, 0.3290



98.7240, 0.3133, 0.3295



21.4041, 0.3127, 0.3290



11.1107, 0.6396, 0.3297



1.0823, 0.6385, 0.3291

Previews

White Background

The preview area has the hex color #FFFFFF (white) as background.

Color Contrast Check

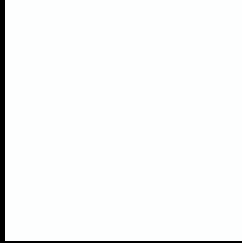
Large Text (above 18pt) WCAG AA × Fail

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 98.9220, 0.3121, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

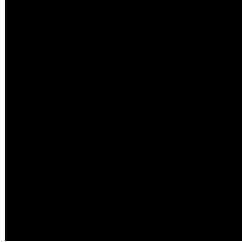
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.9220, 0.3121, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 98.9220, 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

98.9220, 0.3121, 0.3290

Protanopia

98.6663, 0.3134, 0.3281

Deuteranopia

98.6663, 0.3134, 0.3281

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy

Original Color

98.9220, 0.3121, 0.3290

Protanomaly

98.4771, 0.3128, 0.3280

Deuteranomaly

98.4771, 0.3128, 0.3280

Tritanomaly

99.1745, 0.3121, 0.3280

Monochromacy

Original Color

98.9220, 0.3121, 0.3290

Achromatopsia

99.1102, 0.3127, 0.3290

Achromatomaly

99.1102, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.9220, 0.3121, 0.3290 is called "color". The color property can be set on classes, ids or directly on the HTML element.

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

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

Border

The CSS property to change the border of an element to Yxy 98.9220, 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(253, 254, 254) }
```

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

```
.border{ border-color:rgb(253, 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(253, 254, 254)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 98.9220, 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(253, 254, 254) }
```

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

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