

Converting Colors

$Y_{xy}(100.0000, 0.3310, 0.3295)$

Have a look what the booklet for
Yxy(100.0000, 0.3310, 0.3295)
contains.

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Color

Yxy(95.7887, 0.3171, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9F8
RGB	255, 249, 248
RGB Percent	100%, 98%, 97%
CMY	0.0002, 0.0234, 0.0275
CMYK	0.00, 0.02, 0.03, 0.00
HSL	9°, 99%, 99%
HSV	9°, 3%, 100%
XYZ	92.0442, 95.7887, 102.4359
YIQ	250.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 249, 248
Decimal	16775672
CIE Lab	98.35, 1.80, 1.18
CIE LCh	98, 2.151, 33.281
Yxy	95.7887, 0.3171, 0.3300
Android (android.graphics.Color)	4294965752 (0xFFFFF9F8)
YUV	250.6800, -1.3212, 3.7886
Hunter-Lab	97.8717, -3.4037, 6.4553

Details

The Yxy color 95.7887, 0.3171, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.0053, 0.3085, 0.3280, and the grayscale version is 96.1962, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.9515, 0.3175, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 81.6563, 0.3354, 0.3339, and if you desaturate by 10%, it is 99.9910, 0.3127, 0.3290.

Distribution



Red (100%)

Green (98%)

Blue (97%)



Red (100%)

Yellow (98%)

Blue (97%)



Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.7887, 0.3171, 0.3300 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 95.7887, 0.3171, 0.3300 by changing the saturation by 10% instead.

 95.7887, 0.3171,
0.3300

 95.7887, 0.3171,
0.3300


546.6868, 0.3152,
0.3296

 72.7916, 0.3175,
0.3301


155.3538, 0.3164,
0.3299

 53.8056, 0.3180,
0.3302


192.6905, 0.3162,
0.3298

 38.4462, 0.3187,
0.3303


235.5759, 0.3160,
0.3297

 26.3292, 0.3195,
0.3305


284.3944, 0.3158,
0.3297

 17.0701, 0.3205,
0.3307

339.5303, 0.3156,
0.3297

 10.2845, 0.3219,
0.3310

401.3681, 0.3154,

 5.5880, 0.3240,

0.3296

0.3315

470.2922, 0.3153,
0.3296

■ 2.5962, 0.3274,
0.3322

■ 0.9248, 0.3335,
0.3334

■ 95.7887, 0.3171,
0.3300

■ 95.7887, 0.3171,
0.3300

■ 81.6563, 0.3354,
0.3339

99.9910, 0.3127,
0.3290

■ 69.2259, 0.3577,
0.3380

■ 58.4369, 0.3849,
0.3422

■ 49.2203, 0.4176,
0.3463

■ 41.5024, 0.4557,
0.3497

■ 35.2034, 0.4983,
0.3518

■ 30.2360, 0.5422,
0.3519

■ 26.5031, 0.5826,
0.3492

■ 23.8941, 0.6135,
0.3439

Harmonies

Analogous

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



95.7887, 0.3157, 0.3279



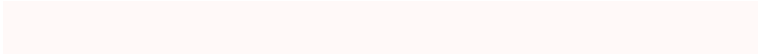
95.7887, 0.3171, 0.3300



95.7887, 0.3173, 0.3319

Triad

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



95.7887, 0.3171, 0.3300



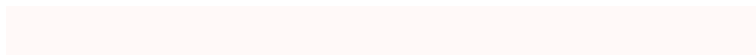
95.7887, 0.3119, 0.3320



95.7887, 0.3092, 0.3251

Complementary

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



95.7887, 0.3171, 0.3300



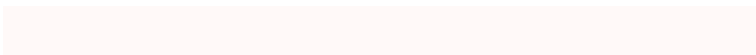
98.0053, 0.3085, 0.3280

Split Complementary

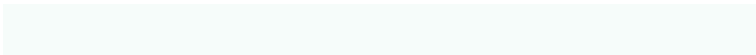
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.7887, 0.3082, 0.3262



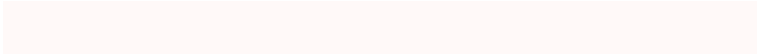
95.7887, 0.3171, 0.3300



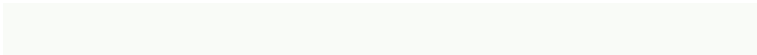
95.7887, 0.3097, 0.3301

Square

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



95.7887, 0.3171, 0.3300



95.7887, 0.3142, 0.3330



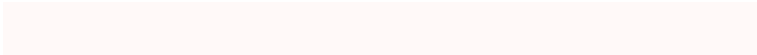
95.7887, 0.3084, 0.3280



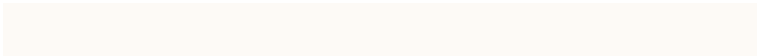
95.7887, 0.3112, 0.3251

Rectangle

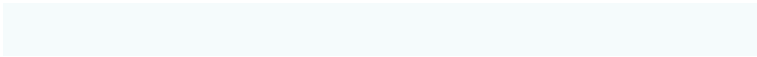
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.7887, 0.3171, 0.3300



95.7887, 0.3167, 0.3327



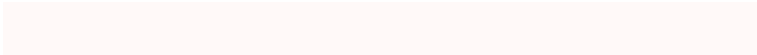
95.7887, 0.3084, 0.3280



95.7887, 0.3088, 0.3253

Sweetspot

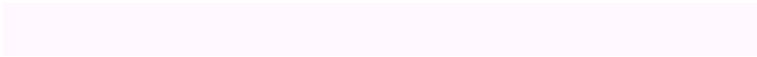
The Sweet Spot groups the original color and five complimentary colors.



95.7928, 0.3171, 0.3300



98.4587, 0.3143, 0.3294



95.5375, 0.3136, 0.3232



21.0905, 0.3142, 0.3293



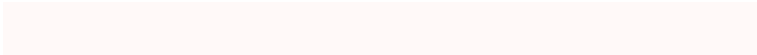
0.0000, 0.0000, 0.0000



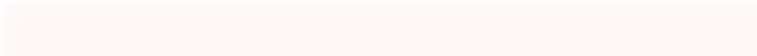
21.4041, 0.3127, 0.3290

Same Dimension

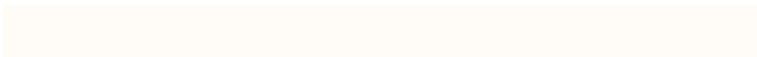
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.7928, 0.3171, 0.3300



95.4295, 0.3175, 0.3301



97.9000, 0.3169, 0.3332



20.1701, 0.3189, 0.3304



11.9553, 0.6264, 0.3408



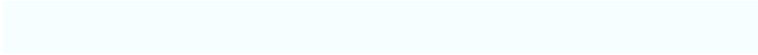
1.2867, 0.6080, 0.3555

Inverse Universe

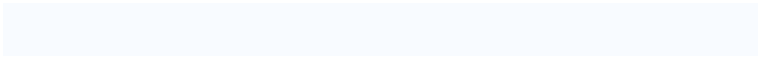
The Inverse Universe completely reimagines the original color for something new.



98.0053, 0.3085, 0.3280



97.8568, 0.3080, 0.3279



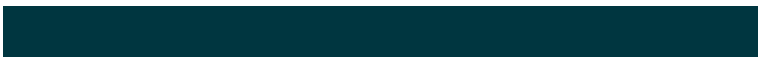
95.8812, 0.3086, 0.3247



20.8250, 0.3068, 0.3276



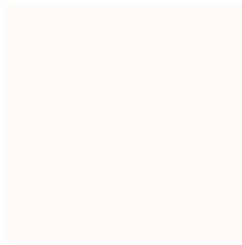
29.9368, 0.2114, 0.2812



3.0341, 0.2131, 0.2872

Previews

White Background



This preview shows how the Yxy color 95.7887, 0.3171, 0.3300 looks on a white background.

Color Contrast Check

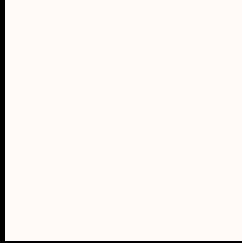
Large Text (above 18pt) WCAG AA × Fail

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 95.7887, 0.3171, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

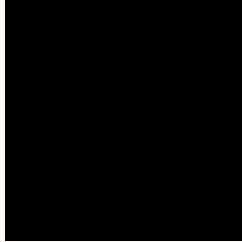
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.7887, 0.3171, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 95.7887, 0.3171, 0.3300.



This preview shows how white text looks on a background with the Yxy color 95.7887, 0.3171, 0.3300.

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

95.7887, 0.3171, 0.3300

Protanopia

95.7887, 0.3171, 0.3300

Deuteranopia

95.9135, 0.3159, 0.3281

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy

Original Color

95.7887, 0.3171, 0.3300

Protanomaly

95.7887, 0.3171, 0.3300

Deuteranomaly

95.8509, 0.3165, 0.3290

Tritanomaly

95.6623, 0.3135, 0.3261

Monochromacy

Original Color

95.7887, 0.3171, 0.3300

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

95.9688, 0.3140, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.7887, 0.3171, 0.3300 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(255, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 248)  
}
```

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(255, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 248) }
```

Border

The CSS property to change the border of an element to Yxy 95.7887, 0.3171, 0.3300 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(255, 249, 248) }
```

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

```
.border{ border-color:rgb(255, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 95.7887, 0.3171, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 248) }
```

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

```
.background{ background-color: rgb(255,  
249, 248) }
```

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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