

Converting Colors

$Y_{xy}(91.6400, 0.3179, 0.3296)$

Have a look what the booklet for
Yxy(91.6400, 0.3179, 0.3296)
contains.

Yxy(91.6817, 0.3179, 0.3300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.6817, 0.3179, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	FBF4F3
RGB	251, 244, 243
RGB Percent	98%, 96%, 95%
CMY	0.0155, 0.0432, 0.0471
CMYK	0.00, 0.03, 0.03, 0.02
HSL	8°, 50%, 97%
HSV	8°, 3%, 98%
XYZ	88.3200, 91.6817, 97.8216
YIQ	245.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

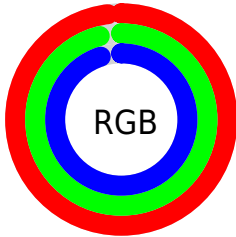
Format	Color
R _Y B	251, 244, 243
Decimal	16512243
CIE Lab	96.69, 2.18, 1.31
CIE LCh	97, 2.544, 30.968
Yxy	91.6817, 0.3179, 0.3300
Android (android.graphics.Color)	4294702323 (0xFFFBF4F3)
YUV	245.9790, -1.4686, 6.4034
Hunter-Lab	95.7506, -2.9156, 6.4530

Details

The Yxy color **91.6817, 0.3179, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.4077, 0.3077, 0.3280**, and the grayscale version is **92.1563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0236, 0.3185, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **77.8390, 0.3364, 0.3333**, and if you desaturate by 10%, it is **99.2565, 0.3103, 0.3290**.

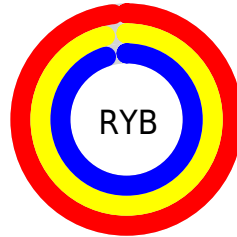
Distribution



Red (98%)

Green (96%)

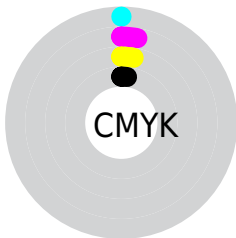
Blue (95%)



Red (98%)

Yellow (96%)

Blue (95%)

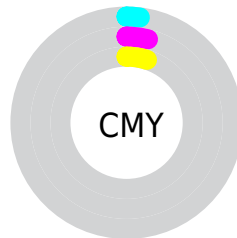


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (4%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6817, 0.3179, 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 91.6817, 0.3179, 0.3300 by changing the saturation by 10% instead.

 91.6817, 0.3179,
0.3300

 91.6817, 0.3179,
0.3300


533.4863, 0.3156,
0.3296

 69.3763, 0.3184,
0.3301

149.6722, 0.3171,
0.3299

 51.0182, 0.3190,
0.3302

186.1260, 0.3168,
0.3298

 36.2231, 0.3198,
0.3303


228.0648, 0.3165,
0.3297

 24.6066, 0.3208,
0.3305

275.8728, 0.3163,
0.3297

 15.7842, 0.3220,
0.3308

329.9346, 0.3161,
0.3297

 9.3716, 0.3238,
0.3311

390.6346, 0.3159,

 4.9843, 0.3264,

0.3296

0.3315

458.3570, 0.3157,
0.3296

■ 2.2381, 0.3307,
0.3322

■ 0.7406, 0.3422,
0.3347

■ 91.6817, 0.3179,
0.3300

■ 91.6817, 0.3179,
0.3300

■ 77.8390, 0.3364,
0.3333

■ 99.2565, 0.3103,
0.3290

■ 65.7094, 0.3592,
0.3368

■ 55.2298, 0.3870,
0.3404

■ 46.3288, 0.4204,
0.3438

■ 38.9294, 0.4595,
0.3467

■ 32.9487, 0.5030,
0.3484

■ 28.2951, 0.5476,
0.3482

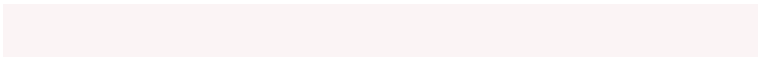
■ 24.8666, 0.5880,
0.3456

■ 22.5458, 0.6180,
0.3407

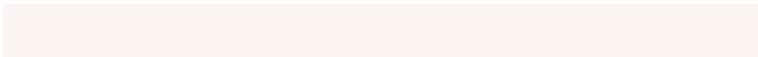
Harmonies

Analogous

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



91.6817, 0.3162, 0.3275



91.6817, 0.3179, 0.3300



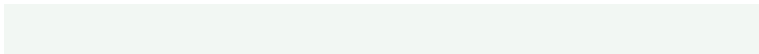
91.6817, 0.3182, 0.3323

Triad

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



91.6817, 0.3179, 0.3300



91.6817, 0.3119, 0.3327



91.6817, 0.3084, 0.3244

Complementary

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



91.6817, 0.3179, 0.3300



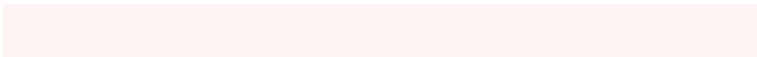
94.4077, 0.3077, 0.3280

Split Complementary

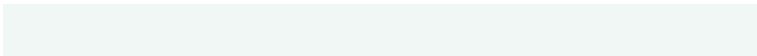
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6817, 0.3073, 0.3257



91.6817, 0.3179, 0.3300



91.6817, 0.3093, 0.3306

Square

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



91.6817, 0.3179, 0.3300



91.6817, 0.3148, 0.3338



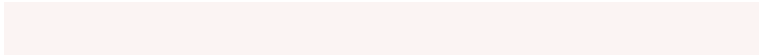
91.6817, 0.3076, 0.3280



91.6817, 0.3107, 0.3242

Rectangle

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



91.6817, 0.3179, 0.3300



91.6817, 0.3176, 0.3333



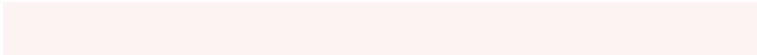
91.6817, 0.3076, 0.3280



91.6817, 0.3079, 0.3247

Sweetspot

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



91.6857, 0.3179, 0.3300



98.4225, 0.3143, 0.3293



91.5167, 0.3136, 0.3221



21.0831, 0.3142, 0.3293



0.0000, 0.0000, 0.0000



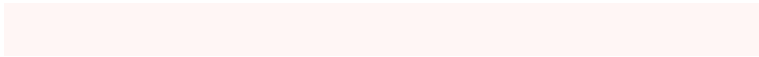
21.4041, 0.3127, 0.3290

Same Dimension

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



91.6857, 0.3179, 0.3300



93.8013, 0.3192, 0.3303



94.0917, 0.3176, 0.3338



18.9909, 0.3205, 0.3305



11.4216, 0.6293, 0.3385



1.1653, 0.6114, 0.3527

Inverse Universe

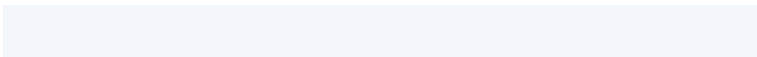
The Inverse Universe completely reimagines the original color for something new.



94.4077, 0.3077, 0.3280



97.3018, 0.3065, 0.3277



91.9748, 0.3078, 0.3241



19.8371, 0.3053, 0.3275



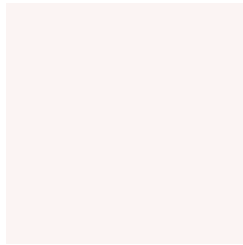
30.5702, 0.2136, 0.2888



2.9323, 0.2150, 0.2940

Previews

White Background



This preview shows how the Yxy color 91.6817, 0.3179, 0.3300 looks on a white background.

Color Contrast Check

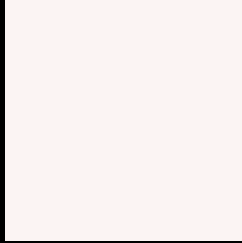
Large Text (above 18pt) WCAG AA × Fail

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 91.6817, 0.3179, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

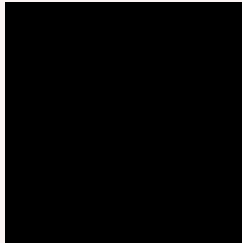
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

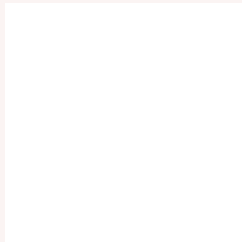
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6817, 0.3179, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 91.6817, 0.3179, 0.3300.



This preview shows how white text looks on a background with the Yxy color 91.6817, 0.3179, 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

91.6817, 0.3179, 0.3300

Protanopia

91.4964, 0.3172, 0.3300

Deuteranopia

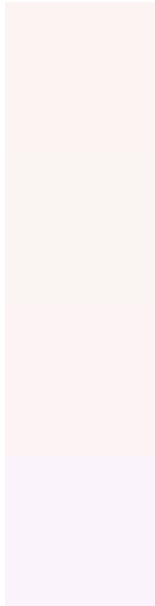
91.3568, 0.3194, 0.3261



Tritanopia

91.8304, 0.3107, 0.3174

Trichromacy



Original Color

91.6817, 0.3179, 0.3300

Protanomaly

91.4964, 0.3172, 0.3300

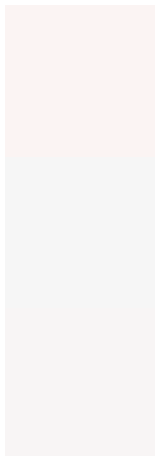
Deuteranomaly

91.7037, 0.3193, 0.3281

Tritanomaly

91.5754, 0.3131, 0.3212

Monochromacy



Original Color

91.6817, 0.3179, 0.3300

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.8538, 0.3146, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6817, 0.3179, 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(251, 244, 243) looks like.

```
.text, #text, p{  
    color:rgb(251, 244, 243)  
}
```

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, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 244, 243) }
```

Border

The CSS property to change the border of an element to Yxy 91.6817, 0.3179, 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(251, 244, 243) }
```

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

```
.border{ border-color:rgb(251, 244, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 244, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 244, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 244, 243);  
box-shadow:4px 4px 4px 4px rgb(251, 244,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6817, 0.3179, 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(251, 244, 243) }
```

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

```
.background{ background-color: rgb(251,  
244, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor