

Converting Colors

$Y_{xy}(103.0790, 0.3152, 0.3398)$

Have a look what the booklet for
Yxy(103.0790, 0.3152, 0.3398)
contains.

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Color

Yxy(99.4304, 0.3156, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFF9
RGB	254, 255, 249
RGB Percent	100%, 100%, 98%
CMY	0.0036, 0.0001, 0.0235
CMYK	0.00, 0.00, 0.02, 0.00
HSL	69°, 99%, 99%
HSV	69°, 2%, 100%
XYZ	93.7563, 99.4304, 103.8865
YIQ	254.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

Format	Color
R_{YB}	249, 255, 250
Decimal	16711673
CIE _{Lab}	99.78, -1.32, 2.73
CIE _{LCh}	100, 3.031, 115.872
Yxy	99.4304, 0.3156, 0.3347
Android (android.graphics.Color)	4294901753 (0xFFFEFF9)
YUV	254.0170, -2.4734, -0.0149
Hunter-Lab	99.7148, -6.6672, 8.0299

Details

The Yxy color 99.4304, 0.3156, 0.3347 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.2897, 0.3098, 0.3233, and the grayscale version is 99.1594, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 56.1087, 0.3156, 0.3351 is the 20% darker color. If you saturate the color by 10%, you get 97.2333, 0.3282, 0.3599, and if you desaturate by 10%, it is 99.9874, 0.3127, 0.3290.

Distribution



- Red (100%)
- Green (100%)
- Blue (98%)



- Red (98%)
- Yellow (100%)
- Blue (98%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 99.4304, 0.3156, 0.3347 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 99.4304, 0.3156, 0.3347 by changing the saturation by 10% instead.

99.4304, 0.3156,
0.3347

99.4304, 0.3156,
0.3347

558.2533, 0.3143,
0.3322

75.8278, 0.3159,
0.3352

160.3715, 0.3152,
0.3339

56.2913, 0.3162,
0.3359

198.4787, 0.3150,
0.3335

40.4365, 0.3166,
0.3367

242.1896, 0.3149,
0.3332

27.8791, 0.3171,
0.3377

291.8887, 0.3147,
0.3330

18.2345, 0.3178,
0.3391

347.9601, 0.3146,
0.3328

11.1185, 0.3187,
0.3409

410.7885, 0.3145,

6.1466, 0.3200,

0.3326

0.3435

480.7581, 0.3144,
0.3324

■ 2.9344, 0.3219,
0.3476

■ 1.0976, 0.3255,
0.3549

■ 99.4304, 0.3156,
0.3347

■ 99.4304, 0.3156,
0.3347

■ 97.2333, 0.3282,
0.3599

99.9874, 0.3127,
0.3290

■ 95.2535, 0.3408,
0.3860

■ 93.4862, 0.3532,
0.4124

■ 91.9213, 0.3648,
0.4382

■ 90.5479, 0.3751,
0.4623

■ 89.3542, 0.3834,
0.4836

■ 88.3266, 0.3893,
0.5011

■ 87.4499, 0.3927,
0.5142

■ 86.7054, 0.3934,
0.5226

Harmonies

Analogous

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

99.4304, 0.3181, 0.3342

99.4304, 0.3156, 0.3347

99.4304, 0.3123, 0.3336

Triad

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



99.4304, 0.3156, 0.3347



99.4304, 0.3063, 0.3256



99.4304, 0.3163, 0.3268

Complementary

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



99.4304, 0.3156, 0.3347



95.2897, 0.3098, 0.3233

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.



99.4304, 0.3131, 0.3245



99.4304, 0.3156, 0.3347



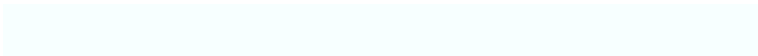
99.4304, 0.3074, 0.3238

Square

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



99.4304, 0.3156, 0.3347



99.4304, 0.3070, 0.3283

99.4304, 0.3098, 0.3234



99.4304, 0.3185, 0.3297

Rectangle

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



99.4304, 0.3156, 0.3347



99.4304, 0.3102, 0.3322

99.4304, 0.3098, 0.3234

99.4304, 0.3153, 0.3259

Sweetspot

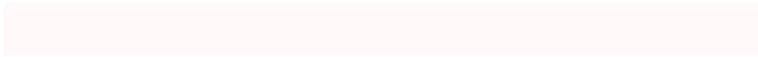
The Sweet Spot groups the original color and five complimentary colors.



99.4347, 0.3156, 0.3347



99.7642, 0.3139, 0.3314



96.4138, 0.3165, 0.3299



21.3561, 0.3139, 0.3313



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.



99.4347, 0.3156, 0.3347



99.2995, 0.3164, 0.3363



98.8768, 0.3137, 0.3347



21.2149, 0.3174, 0.3383



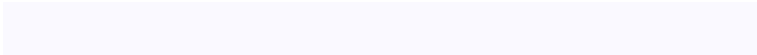
45.1034, 0.3930, 0.5262



4.4274, 0.3962, 0.5237

Inverse Universe

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



95.2897, 0.3098, 0.3233



94.0039, 0.3089, 0.3216



95.8441, 0.3117, 0.3233



19.7862, 0.3079, 0.3196



4.0303, 0.1560, 0.0633



0.4292, 0.1646, 0.0680

Previews

White Background



This preview shows how the `xyy` color `99.4304, 0.3156, 0.3347` looks on a white background.

Color Contrast Check

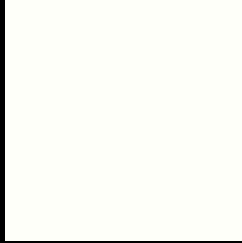
Large Text (above 18pt) WCAG AA × Fail

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 99.4304, 0.3156, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

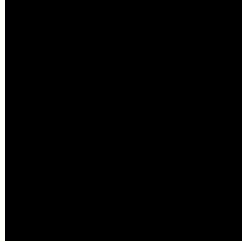
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 99.4304, 0.3156, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 99.4304, 0.3156, 0.3347.



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

99.4304, 0.3156, 0.3347

Protanopia

99.2994, 0.3133, 0.3290

Deuteranopia

99.2994, 0.3133, 0.3290

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy

Original Color

99.4304, 0.3156, 0.3347

Protanomaly

99.1719, 0.3145, 0.3309

Deuteranomaly

99.1719, 0.3145, 0.3309

Tritanomaly

99.0463, 0.3133, 0.3300

Monochromacy

Original Color

99.4304, 0.3156, 0.3347

Achromatopsia

99.1102, 0.3127, 0.3290

Achromatomaly

98.9827, 0.3139, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 99.4304, 0.3156, 0.3347 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(254, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 249)  
}
```

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(254, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 99.4304, 0.3156, 0.3347 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(254, 255, 249) }
```

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

```
.border{ border-color:rgb(254, 255, 249) }
```

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

Here you see how a box with a 4 pixel rgb(254, 255, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 99.4304, 0.3156, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 249) }
```

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

```
.background{ background-color: rgb(254,  
255, 249) }
```

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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