

Converting Colors

Yxy(98.9771, 0.3166, 0.3379)

Have a look what the booklet for
Yxy(98.9771, 0.3166, 0.3379)
contains.

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Color

Yxy(99.0565, 0.3167, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFFF6</code>
RGB	<code>253, 255, 246</code>
RGB Percent	<code>99%, 100%, 96%</code>
CMY	<code>0.0076, 0.0001, 0.0352</code>
CMYK	<code>0.01, 0.00, 0.04, 0.00</code>
HSL	<code>73°, 100%, 98%</code>
HSV	<code>73°, 4%, 100%</code>
XYZ	<code>92.9242, 99.0565, 101.4332</code>
YIQ	<code>253.3760, 1.6970, -3.2230</code>

Conversions

Conversions Part 2

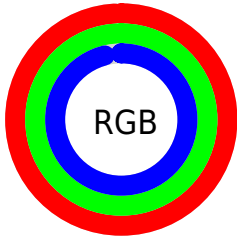
Format	Color
R _Y B	246, 255, 248
Decimal	16646134
CIE Lab	99.63, -2.17, 4.04
CIE LCh	100, 4.586, 118.284
Yxy	99.0565, 0.3167, 0.3376
Android (android.graphics.Color)	4294836214 (0xFFFFDFFF6)
YUV	253.3760, -3.6364, -0.3298
Hunter-Lab	99.5271, -7.5148, 9.2435

Details

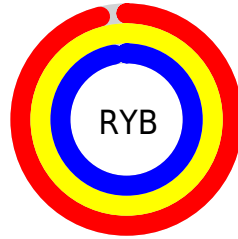
The Yxy color 99.0565, 0.3167, 0.3376 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.0946, 0.3086, 0.3203, and the grayscale version is 98.6000, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.8416, 0.3170, 0.3388 is the 20% darker color. If you saturate the color by 10%, you get 96.5914, 0.3282, 0.3631, and if you desaturate by 10%, it is 99.9896, 0.3127, 0.3290.

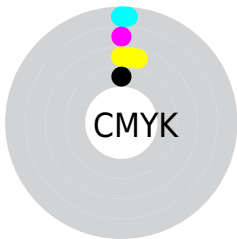
Distribution



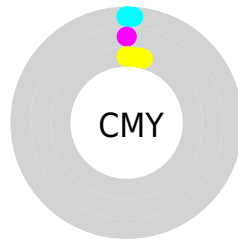
- Red (99%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (97%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 99.0565, 0.3167, 0.3376 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 99.0565, 0.3167, 0.3376 by changing the saturation by 10% instead.


 99.0565, 0.3167,
0.3376

 99.0565, 0.3167,
0.3376


557.0715, 0.3150,
0.3338

 75.5157, 0.3171,
0.3384


159.8571, 0.3161,
0.3363

 56.0355, 0.3175,
0.3394


197.8858, 0.3159,
0.3358

 40.2314, 0.3181,
0.3406


241.5125, 0.3157,
0.3354

 27.7190, 0.3188,
0.3422

291.1218, 0.3155,
0.3350

 18.1140, 0.3197,
0.3442

347.0979, 0.3153,
0.3347

 11.0318, 0.3209,
0.3470

409.8253, 0.3152,

 6.0882, 0.3227,

0.3344

0.3510

479.6884, 0.3151,
0.3341

■ 2.8988, 0.3254,
0.3573

■ 1.0791, 0.3304,
0.3690

■ 99.0565, 0.3167,
0.3376

■ 99.0565, 0.3167,
0.3376


■ 96.5914, 0.3282,
0.3631


99.9896, 0.3127,
0.3290


■ 94.3573, 0.3398,
0.3896

■ 92.3489, 0.3510,
0.4166


■ 90.5560, 0.3612,
0.4431

 88.9675, 0.3701,
0.4680

 87.5711, 0.3770,
0.4902

 86.3530, 0.3815,
0.5086

 85.2974, 0.3834,
0.5225

 84.3849, 0.3827,
0.5316

Harmonies

Analogous

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



99.0565, 0.3206, 0.3371



99.0565, 0.3167, 0.3376



99.0565, 0.3117, 0.3358

Triad

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



99.0565, 0.3167, 0.3376



99.0565, 0.3031, 0.3235



99.0565, 0.3184, 0.3259

Complementary

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



99.0565, 0.3167, 0.3376



93.0946, 0.3086, 0.3203

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.



99.0565, 0.3137, 0.3224



99.0565, 0.3167, 0.3376



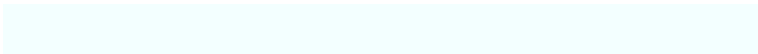
99.0565, 0.3048, 0.3210

Square

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



99.0565, 0.3167, 0.3376



99.0565, 0.3039, 0.3276



99.0565, 0.3087, 0.3206



99.0565, 0.3217, 0.3303

Rectangle

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



99.0565, 0.3167, 0.3376



99.0565, 0.3085, 0.3335



99.0565, 0.3087, 0.3206



99.0565, 0.3170, 0.3246

Sweetspot

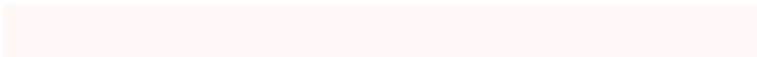
The Sweet Spot groups the original color and five complimentary colors.



99.0608, 0.3167, 0.3376



99.7336, 0.3138, 0.3314



94.9369, 0.3184, 0.3307



21.3499, 0.3138, 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.



99.0608, 0.3167, 0.3376



98.9490, 0.3173, 0.3388



98.2527, 0.3140, 0.3377



21.1378, 0.3181, 0.3407



43.8881, 0.3819, 0.5350



4.3197, 0.3864, 0.5314

Inverse Universe

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



93.0946, 0.3086, 0.3203



92.1746, 0.3081, 0.3191



93.8994, 0.3114, 0.3204



19.4238, 0.3072, 0.3172



4.2420, 0.1609, 0.0660



0.4578, 0.1710, 0.0716

Previews

White Background



This preview shows how the Yxy color 99.0565, 0.3167, 0.3376 looks on a white background.

Color Contrast Check

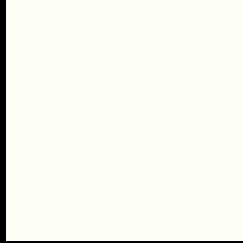
Large Text (above 18pt) WCAG AA × Fail

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 99.0565, 0.3167, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

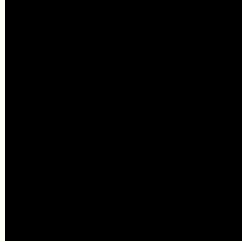
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 99.0565, 0.3167, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 99.0565, 0.3167, 0.3376.



This preview shows how white text looks on a background with the Yxy color 99.0565, 0.3167, 0.3376.

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

99.0565, 0.3167, 0.3376

Protanopia

99.1719, 0.3145, 0.3309

Deuteranopia

99.2994, 0.3133, 0.3290

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy

Original Color

99.0565, 0.3167, 0.3376

Protanomaly

98.8566, 0.3150, 0.3328

Deuteranomaly

98.9195, 0.3145, 0.3319

Tritanomaly

98.9827, 0.3139, 0.3309

Monochromacy

Original Color

99.0565, 0.3167, 0.3376

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.6684, 0.3144, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 99.0565, 0.3167, 0.3376 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(253, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 246)  
}
```

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, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 246) }
```

Border

The CSS property to change the border of an element to Yxy 99.0565, 0.3167, 0.3376 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, 255, 246) }
```

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

```
.border{ border-color:rgb(253, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 99.0565, 0.3167, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 246) }
```

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

```
.background{ background-color: rgb(253,  
255, 246) }
```

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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