

Converting Colors

Yxy(98.6364, 0.3182, 0.3413)

Have a look what the booklet for
Yxy(98.6364, 0.3182, 0.3413)
contains.

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Color

Yxy(98.6263, 0.3184, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFF2
RGB	252, 255, 242
RGB Percent	99%, 100%, 95%
CMY	0.0117, 0.0000, 0.0511
CMYK	0.01, 0.00, 0.05, 0.00
HSL	74°, 100%, 97%
HSV	74°, 5%, 100%
XYZ	91.9280, 98.6263, 98.1644
YIQ	252.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

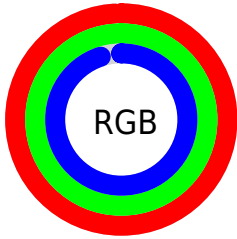
Format	Color
R _Y B	242, 255, 245
Decimal	16580594
CIE Lab	99.47, -3.23, 5.87
CIE LCh	99, 6.701, 118.819
Yxy	98.6263, 0.3184, 0.3416
Android (android.graphics.Color)	4294770674 (0xFFFCFF2)
YUV	252.6210, -5.2362, -0.5446
Hunter-Lab	99.3108, -8.5635, 10.9120

Details

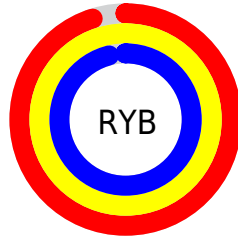
The Yxy color 98.6263, 0.3184, 0.3416 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.1061, 0.3069, 0.3162, and the grayscale version is 97.9316, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.5354, 0.3192, 0.3438 is the 20% darker color. If you saturate the color by 10%, you get 96.1213, 0.3297, 0.3673, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

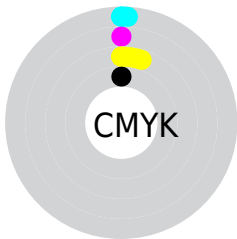
Distribution



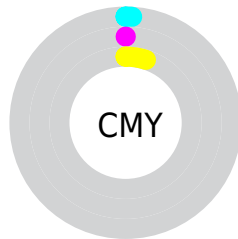
- Red (99%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 98.6263, 0.3184, 0.3416 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 98.6263, 0.3184, 0.3416 by changing the saturation by 10% instead.

 98.6263, 0.3184,
0.3416

 98.6263, 0.3184,
0.3416

555.7102, 0.3159,
0.3361

 75.1568, 0.3189,
0.3428


159.2651, 0.3176,
0.3397

 55.7413, 0.3196,
0.3443


197.2032, 0.3172,
0.3390

 39.9956, 0.3204,
0.3461


240.7329, 0.3170,
0.3383

 27.5351, 0.3214,
0.3484


290.2387, 0.3167,
0.3378

 17.9755, 0.3226,
0.3514

346.1050, 0.3165,
0.3373

 10.9324, 0.3244,
0.3555

408.7160, 0.3163,

 6.0214, 0.3269,

0.3368

0.3615

478.4563, 0.3161,
0.3364

■ 2.8581, 0.3307,
0.3709

■ 1.0581, 0.3395,
0.3907

■ 98.6263, 0.3184,
0.3416

■ 98.6263, 0.3184,
0.3416

■ 96.1213, 0.3297,
0.3673

100.0000, 0.3127,
0.3290

■ 93.8559, 0.3409,
0.3941

■ 91.8191, 0.3517,
0.4212

■ 90.0004, 0.3615,
0.4477

■ 88.3885, 0.3698,
0.4726

■ 86.9708, 0.3761,
0.4946

■ 85.7332, 0.3799,
0.5126

■ 84.6593, 0.3811,
0.5261

■ 83.7290, 0.3797,
0.5347

Harmonies

Analogous

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



98.6263, 0.3242, 0.3409



98.6263, 0.3184, 0.3416



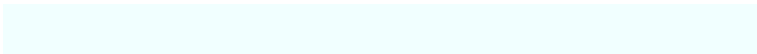
98.6263, 0.3111, 0.3389

Triad

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



98.6263, 0.3184, 0.3416



98.6263, 0.2987, 0.3209



98.6263, 0.3212, 0.3246

Complementary

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



98.6263, 0.3184, 0.3416



90.1061, 0.3069, 0.3162

Split Complementary

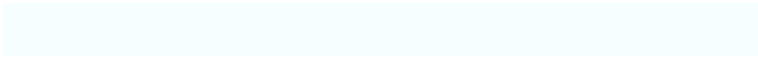
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.6263, 0.3142, 0.3194



98.6263, 0.3184, 0.3416



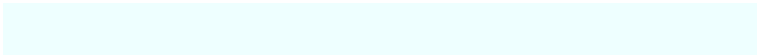
98.6263, 0.3013, 0.3172

Square

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



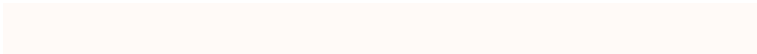
98.6263, 0.3184, 0.3416



98.6263, 0.2998, 0.3268



98.6263, 0.3070, 0.3167



98.6263, 0.3259, 0.3310

Rectangle

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



98.6263, 0.3184, 0.3416



98.6263, 0.3064, 0.3355



98.6263, 0.3070, 0.3167



98.6263, 0.3190, 0.3227

Sweetspot

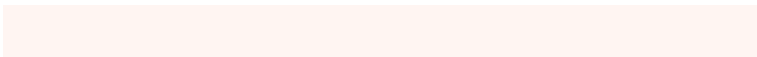
The Sweet Spot groups the original color and five complimentary colors.



98.6249, 0.3184, 0.3416



99.4543, 0.3149, 0.3339



92.8442, 0.3211, 0.3318



21.2931, 0.3148, 0.3336



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.



98.6249, 0.3184, 0.3416



98.3930, 0.3194, 0.3438



97.4591, 0.3144, 0.3417



21.0239, 0.3201, 0.3455



43.6032, 0.3791, 0.5372



4.2943, 0.3839, 0.5334

Inverse Universe

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



90.1061, 0.3069, 0.3162



88.4566, 0.3058, 0.3139



91.2675, 0.3109, 0.3164



18.6760, 0.3050, 0.3122



4.3066, 0.1623, 0.0668



0.4659, 0.1728, 0.0726

Previews

White Background



This preview shows how the Yxy color 98.6263, 0.3184, 0.3416 looks on a white background.

Color Contrast Check

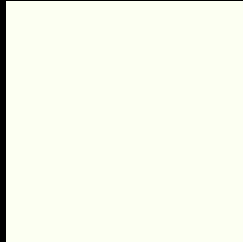
Large Text (above 18pt) WCAG AA × Fail

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 98.6263, 0.3184, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

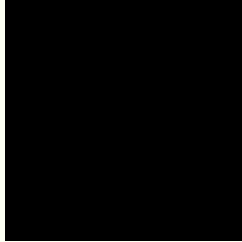
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.6263, 0.3184, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 98.6263, 0.3184, 0.3416.



This preview shows how white text looks on a background with the Yxy color 98.6263, 0.3184, 0.3416.

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



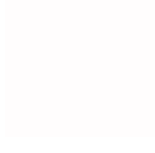
Original Color

98.6263, 0.3184, 0.3416



Protanopia

98.4756, 0.3151, 0.3309



Deuteranopia

98.6024, 0.3140, 0.3290

Tritanopia

98.5414, 0.3122, 0.3271

Trichromacy

Original Color

98.6263, 0.3184, 0.3416

Protanomaly

98.7318, 0.3162, 0.3348

Deuteranomaly

98.7940, 0.3156, 0.3338

Tritanomaly

98.6684, 0.3144, 0.3328

Monochromacy

Original Color

98.6263, 0.3184, 0.3416

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.6058, 0.3150, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.6263, 0.3184, 0.3416 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(252, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 242)  
}
```

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(252, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 242) }
```

Border

The CSS property to change the border of an element to Yxy 98.6263, 0.3184, 0.3416 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(252, 255, 242) }
```

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

```
.border{ border-color:rgb(252, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 98.6263, 0.3184, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 242) }
```

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

```
.background{ background-color: rgb(252,  
255, 242) }
```

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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