

Converting Colors

$Yxy(96.5772, 0.3198, 0.3406)$

Have a look what the booklet for
Yxy(96.5772, 0.3198, 0.3406)
contains.

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Color

Yxy(96.6075, 0.3198, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCF0
RGB	252, 252, 240
RGB Percent	99%, 99%, 94%
CMY	0.0117, 0.0117, 0.0590
CMYK	0.00, 0.00, 0.05, 0.01
HSL	60°, 67%, 96%
HSV	60°, 5%, 99%
XYZ	90.6812, 96.6075, 96.2672
YIQ	250.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

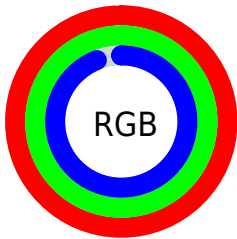
Format	Color
R _Y B	240, 252, 240
Decimal	16579824
CIE Lab	98.67, -2.06, 5.76
CIE LCh	99, 6.112, 109.662
Yxy	96.6075, 0.3198, 0.3407
Android (android.graphics.Color)	4294769904 (0xFFFCFCF0)
YUV	250.6320, -5.2416, 1.1997
Hunter-Lab	98.2891, -7.3225, 10.7320

Details

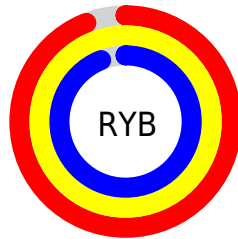
The Yxy color 96.6075, 0.3198, 0.3407 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.8430, 0.3055, 0.3170, and the grayscale version is 96.1921, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.0930, 0.3209, 0.3426 is the 20% darker color. If you saturate the color by 10%, you get 95.2061, 0.3350, 0.3658, and if you desaturate by 10%, it is 97.5539, 0.3110, 0.3262.

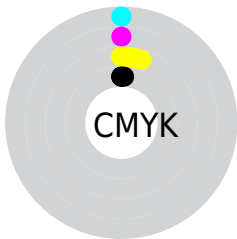
Distribution



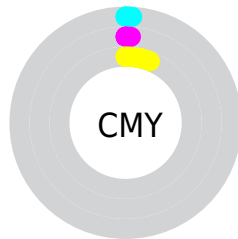
- Red (99%)
- Green (99%)
- Blue (94%)



- Red (94%)
- Yellow (99%)
- Blue (94%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.6075, 0.3198, 0.3407 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 96.6075, 0.3198, 0.3407 by changing the saturation by 10% instead.


 96.6075, 0.3198,
0.3407

 96.6075, 0.3198,
0.3407


549.2985, 0.3167,
0.3355

 73.4736, 0.3205,
0.3418


156.4836, 0.3188,
0.3390

 54.3633, 0.3213,
0.3432


193.9945, 0.3183,
0.3383

 38.8922, 0.3223,
0.3449


237.0667, 0.3180,
0.3377

 26.6759, 0.3236,
0.3470

286.0844, 0.3177,
0.3371

 17.3300, 0.3252,
0.3499

341.4320, 0.3174,
0.3367

 10.4700, 0.3275,
0.3537

403.4940, 0.3171,

 5.7117, 0.3307,

0.3363

0.3593

472.6547, 0.3169,
0.3359

■ 2.6706, 0.3358,
0.3683

■ 0.9623, 0.3495,
0.3899

■ 96.6075, 0.3198,
0.3407

■ 96.6075, 0.3198,
0.3407

■ 95.2061, 0.3350,
0.3658

■ 97.5539, 0.3110,
0.3262

■ 94.0001, 0.3503,
0.3911


■ 97.5645, 0.3110,
0.3262

■ 92.9843, 0.3653,
0.4159

■ 97.5751, 0.3110,
0.3262

■ 92.1492, 0.3794,
0.4392


■ 97.5857, 0.3110,
0.3262


 91.4838, 0.3920,
0.4599


 97.5963, 0.3110,
0.3262

 90.9766, 0.4025,
0.4773

 97.6069, 0.3110,
0.3262


 90.6140, 0.4105,
0.4905

 97.6176, 0.3110,
0.3262

 90.3805, 0.4159,
0.4993

 97.6282, 0.3110,
0.3263

 90.2572, 0.4187,
0.5039

 97.6388, 0.3110,
0.3263

Harmonies

Analogous

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



96.6075, 0.3244, 0.3391



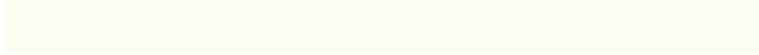
96.6075, 0.3198, 0.3407



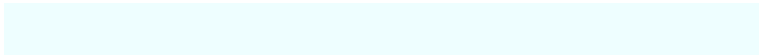
96.6075, 0.3133, 0.3391

Triad

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



96.6075, 0.3198, 0.3407



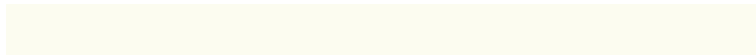
96.6075, 0.2997, 0.3231



96.6075, 0.3187, 0.3233

Complementary

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



96.6075, 0.3198, 0.3407



87.8430, 0.3055, 0.3170

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.



96.6075, 0.3120, 0.3192



96.6075, 0.3198, 0.3407



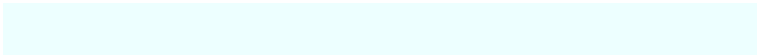
96.6075, 0.3011, 0.3189

Square

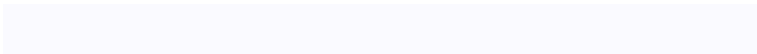
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



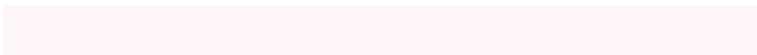
96.6075, 0.3198, 0.3407



96.6075, 0.3018, 0.3289



96.6075, 0.3056, 0.3176



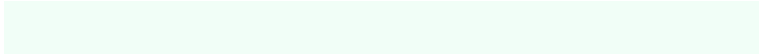
96.6075, 0.3238, 0.3290

Rectangle

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



96.6075, 0.3198, 0.3407



96.6075, 0.3088, 0.3365



96.6075, 0.3056, 0.3176



96.6075, 0.3166, 0.3217

Sweetspot

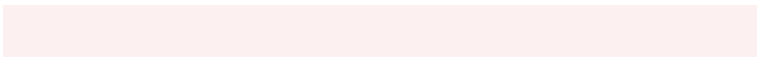
The Sweet Spot groups the original color and five complimentary colors.



96.6117, 0.3198, 0.3407



99.8358, 0.3142, 0.3314



89.2907, 0.3206, 0.3288



21.3707, 0.3141, 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.



96.6117, 0.3198, 0.3407



99.0469, 0.3216, 0.3437



95.5448, 0.3161, 0.3408



20.2750, 0.3226, 0.3453



46.9924, 0.4194, 0.5052



4.3529, 0.4194, 0.5052

Inverse Universe

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



87.8430, 0.3055, 0.3170



87.8425, 0.3035, 0.3139



88.8749, 0.3092, 0.3172



17.7455, 0.3025, 0.3122



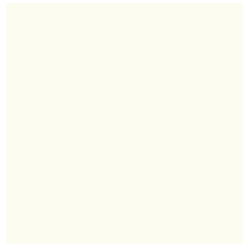
3.6639, 0.1500, 0.0600



0.3400, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 96.6075, 0.3198, 0.3407 looks on a white background.

Color Contrast Check

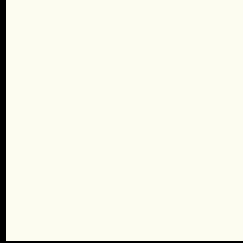
Large Text (above 18pt) WCAG AA × Fail

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 96.6075, 0.3198, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

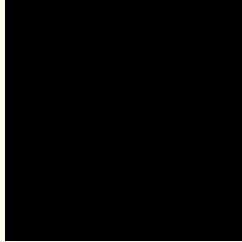
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

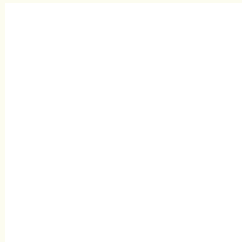
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.6075, 0.3198, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 96.6075, 0.3198, 0.3407.



This preview shows how white text looks on a background with the Yxy color 96.6075, 0.3198, 0.3407.

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

96.6075, 0.3198, 0.3407

Protanopia

96.8469, 0.3188, 0.3348

Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.2867, 0.3111, 0.3242

Trichromacy

Original Color

96.6075, 0.3198, 0.3407

Protanomaly

96.5363, 0.3193, 0.3367

Deuteranomaly

96.7190, 0.3176, 0.3338

Tritanomaly

96.5919, 0.3139, 0.3300

Monochromacy

Original Color

96.6075, 0.3198, 0.3407

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.2190, 0.3151, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.6075, 0.3198, 0.3407 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, 252, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 240)  
}
```

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, 252, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 240) }
```

Border

The CSS property to change the border of an element to Yxy 96.6075, 0.3198, 0.3407 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, 252, 240) }
```

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

```
.border{ border-color:rgb(252, 252, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 96.6075, 0.3198, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 240) }
```

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

```
.background{ background-color: rgb(252,  
252, 240) }
```

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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