

Converting Colors

$Y_{xy}(100.0000, 0.3361, 0.3410)$

Have a look what the booklet for
Yxy(100.0000, 0.3361, 0.3410)
contains.

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Color

Yxy(95.8043, 0.3230, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAEE
RGB	255, 250, 238
RGB Percent	100%, 98%, 93%
CMY	0.0001, 0.0196, 0.0665
CMYK	0.00, 0.02, 0.07, 0.00
HSL	42°, 100%, 97%
HSV	42°, 7%, 100%
XYZ	90.8538, 95.8043, 94.6229
YIQ	250.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

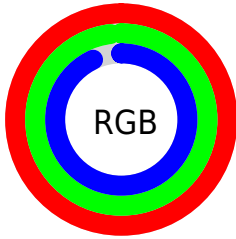
Format	Color
R_{YB}	245, 255, 238
Decimal	16775918
CIE Lab	98.35, -0.37, 6.31
CIE LCh	98, 6.316, 93.366
Yxy	95.8043, 0.3230, 0.3406
Android (android.graphics.Color)	4294965998 (0xFFFFFAEE)
YUV	250.1270, -5.9786, 4.2736
Hunter-Lab	97.8797, -5.6024, 11.1985

Details

The Yxy color 95.8043, 0.3230, 0.3406 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5013, 0.3025, 0.3171, and the grayscale version is 95.7559, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.9667, 0.3250, 0.3438 is the 20% darker color. If you saturate the color by 10%, you get 89.8662, 0.3397, 0.3588, and if you desaturate by 10%, it is 99.9939, 0.3127, 0.3290.

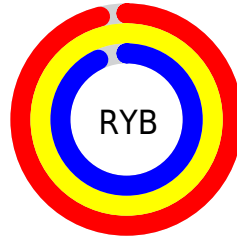
Distribution



Red (100%)

Green (98%)

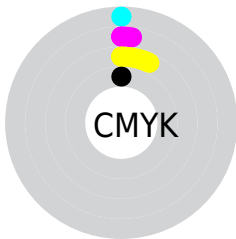
Blue (93%)



Red (96%)

Yellow (100%)

Blue (93%)

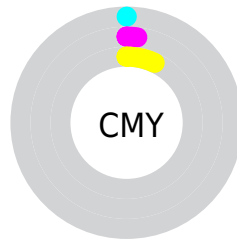


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8043, 0.3230, 0.3406 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 95.8043, 0.3230, 0.3406 by changing the saturation by 10% instead.


 95.8043, 0.3230,
0.3406

 95.8043, 0.3230,
0.3406

546.7367, 0.3185,
0.3355

 72.8046, 0.3240,
0.3417


155.3753, 0.3215,
0.3389

 53.8162, 0.3252,
0.3431

192.7154, 0.3209,
0.3382

 38.4547, 0.3267,
0.3447


235.6044, 0.3203,
0.3376

 26.3358, 0.3285,
0.3468

284.4266, 0.3199,
0.3371

 17.0750, 0.3310,
0.3496

339.5666, 0.3195,
0.3366

 10.2880, 0.3343,
0.3534

401.4087, 0.3191,

 5.5903, 0.3392,

0.3362

0.3589

470.3372, 0.3188,
0.3358

■ 2.5976, 0.3468,
0.3676

■ 0.9255, 0.3685,
0.3918

■ 95.8043, 0.3230,
0.3406

■ 95.8043, 0.3230,
0.3406

■ 89.8662, 0.3397,
0.3588

99.9939, 0.3127,
0.3290

■ 84.3089, 0.3579,
0.3775

■ 79.1248, 0.3772,
0.3961

■ 74.3015, 0.3973,
0.4139

■ 69.8257, 0.4173,
0.4299

■ 65.6827, 0.4366,
0.4429

■ 61.8560, 0.4541,
0.4518

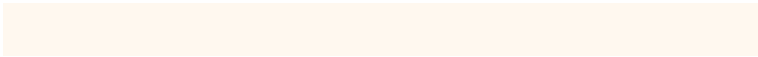
■ 58.3268, 0.4689,
0.4559

■ 55.0720, 0.4806,
0.4549

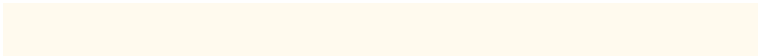
Harmonies

Analogous

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



95.8043, 0.3261, 0.3373



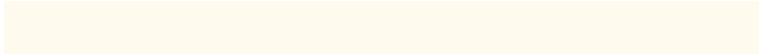
95.8043, 0.3230, 0.3406



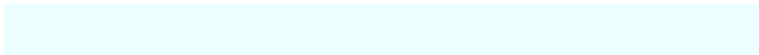
95.8043, 0.3171, 0.3408

Triad

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



95.8043, 0.3230, 0.3406



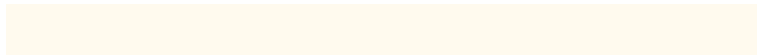
95.8043, 0.3000, 0.3260



95.8043, 0.3152, 0.3205

Complementary

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



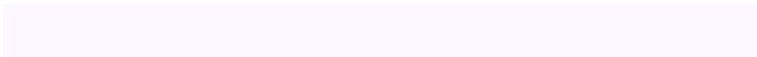
95.8043, 0.3230, 0.3406



89.5013, 0.3025, 0.3171

Split Complementary

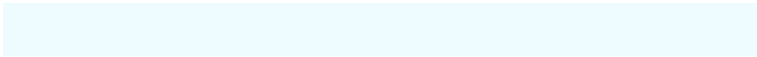
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8043, 0.3082, 0.3175



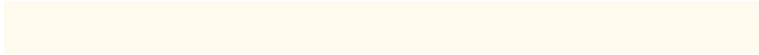
95.8043, 0.3230, 0.3406



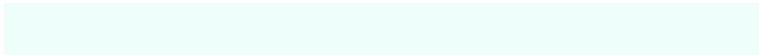
95.8043, 0.2995, 0.3206

Square

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



95.8043, 0.3230, 0.3406



95.8043, 0.3039, 0.3323



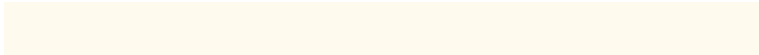
95.8043, 0.3025, 0.3175



95.8043, 0.3216, 0.3257

Rectangle

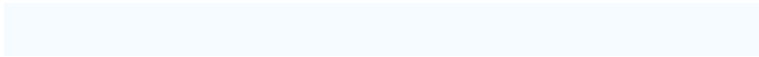
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.8043, 0.3230, 0.3406



95.8043, 0.3125, 0.3391



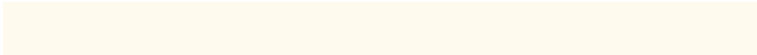
95.8043, 0.3025, 0.3175



95.8043, 0.3129, 0.3192

Sweetspot

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



95.8085, 0.3230, 0.3406



98.7270, 0.3157, 0.3325



88.9053, 0.3208, 0.3241



21.1451, 0.3156, 0.3323



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.



95.8085, 0.3230, 0.3406



95.0037, 0.3252, 0.3430



98.2926, 0.3204, 0.3454



20.1397, 0.3276, 0.3457



28.5101, 0.4827, 0.4549



2.9651, 0.4737, 0.4621

Inverse Universe

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



89.5013, 0.3025, 0.3171



87.4717, 0.3003, 0.3146



87.1670, 0.3047, 0.3123



18.2441, 0.2979, 0.3117



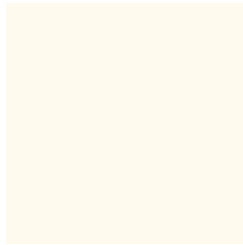
6.5998, 0.1605, 0.0977



0.8217, 0.1665, 0.1195

Previews

White Background



This preview shows how the Yxy color 95.8043, 0.3230, 0.3406 looks on a white background.

Color Contrast Check

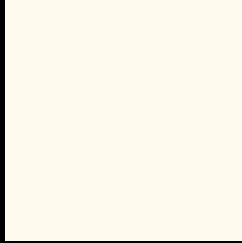
Large Text (above 18pt) WCAG AA × Fail

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 95.8043, 0.3230, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

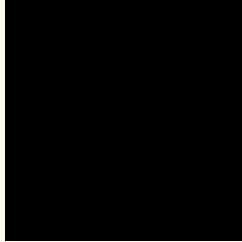
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.8043, 0.3230, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 95.8043, 0.3230, 0.3406.



This preview shows how white text looks on a background with the Yxy color 95.8043, 0.3230, 0.3406.

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

95.8043, 0.3230, 0.3406

Protanopia

96.0420, 0.3206, 0.3367

Deuteranopia

95.8509, 0.3165, 0.3290

Tritanopia

95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.8043, 0.3230, 0.3406

Protanomaly

95.9821, 0.3212, 0.3377

Deuteranomaly

95.6039, 0.3189, 0.3329

Tritanomaly

95.6617, 0.3159, 0.3290

Monochromacy



Original Color

95.8043, 0.3230, 0.3406

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.7205, 0.3163, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8043, 0.3230, 0.3406 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(255, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 238)  
}
```

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(255, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 238) }
```

Border

The CSS property to change the border of an element to Yxy 95.8043, 0.3230, 0.3406 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(255, 250, 238) }
```

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

```
.border{ border-color:rgb(255, 250, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8043, 0.3230, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 238) }
```

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

```
.background{ background-color: rgb(255,  
250, 238) }
```

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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