

Converting Colors

$Y_{xy}(95.8257, 0.3251, 0.3443)$

Have a look what the booklet for
Yxy(95.8257, 0.3251, 0.3443)
contains.

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Color

Yxy(95.6294, 0.3249, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAEB
RGB	255, 250, 235
RGB Percent	100%, 98%, 92%
CMY	0.0000, 0.0196, 0.0786
CMYK	0.00, 0.02, 0.08, 0.00
HSL	45°, 100%, 96%
HSV	45°, 8%, 100%
XYZ	90.4249, 95.6294, 92.2618
YIQ	249.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

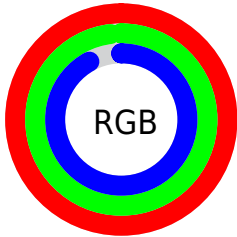
Format	Color
R _{YB}	242, 255, 235
Decimal	16775915
CIE Lab	98.28, -0.85, 7.79
CIE LCh	98, 7.832, 96.207
Yxy	95.6294, 0.3249, 0.3436
Android (android.graphics.Color)	4294965995 (0xFFFFFAEB)
YUV	249.7850, -7.2890, 4.5736
Hunter-Lab	97.7903, -6.0773, 12.5151

Details

The Yxy color 95.6294, 0.3249, 0.3436 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1755, 0.3005, 0.3140, and the grayscale version is 95.4640, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8440, 0.3274, 0.3475 is the 20% darker color. If you saturate the color by 10%, you get 90.3699, 0.3416, 0.3629, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

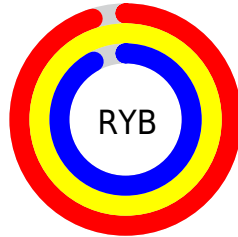
Distribution



Red (100%)

Green (98%)

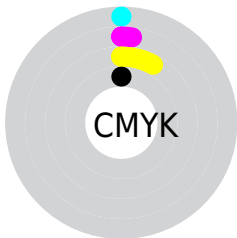
Blue (92%)



Red (95%)

Yellow (100%)

Blue (92%)

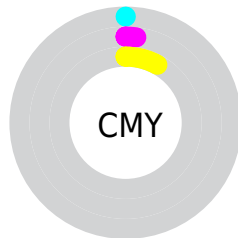


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6294, 0.3249, 0.3436 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 95.6294, 0.3249, 0.3436 by changing the saturation by 10% instead.

 95.6294, 0.3249,
0.3436

 95.6294, 0.3249,
0.3436


546.1780, 0.3195,
0.3372

 72.6589, 0.3261,
0.3450


155.1339, 0.3231,
0.3414

 53.6971, 0.3275,
0.3467


192.4366, 0.3224,
0.3406

 38.3596, 0.3292,
0.3488


235.2857, 0.3217,
0.3398

 26.2619, 0.3314,
0.3515

284.0653, 0.3212,
0.3392

 17.0197, 0.3343,
0.3550

339.1599, 0.3207,
0.3386

 10.2485, 0.3383,
0.3598

400.9540, 0.3203,

 5.5640, 0.3440,

0.3380

0.3668

469.8319, 0.3199,
0.3376

■ 2.5818, 0.3529,
0.3778

■ 0.9175, 0.3829,
0.4128

■ 95.6294, 0.3249,
0.3436

■ 95.6294, 0.3249,
0.3436

■ 90.3699, 0.3416,
0.3629

100.0000, 0.3127,
0.3290

■ 85.4465, 0.3594,
0.3827

■ 80.8467, 0.3781,
0.4022

■ 76.5588, 0.3972,
0.4207

■ 72.5700, 0.4159,
0.4371

■ 68.8665, 0.4334,
0.4504

■ 65.4324, 0.4488,
0.4595

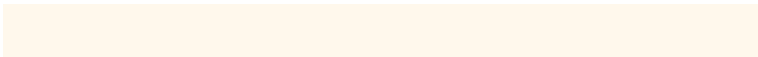
■ 62.2495, 0.4614,
0.4638

■ 59.2936, 0.4709,
0.4632

Harmonies

Analogous

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



95.6294, 0.3292, 0.3398



95.6294, 0.3249, 0.3436



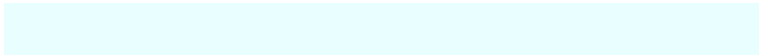
95.6294, 0.3174, 0.3435

Triad

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



95.6294, 0.3249, 0.3436



95.6294, 0.2967, 0.3245



95.6294, 0.3166, 0.3190

Complementary

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



95.6294, 0.3249, 0.3436



87.1755, 0.3005, 0.3140

Split Complementary

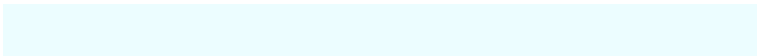
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6294, 0.3079, 0.3150



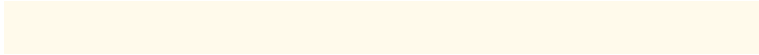
95.6294, 0.3249, 0.3436



95.6294, 0.2965, 0.3180

Square

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



95.6294, 0.3249, 0.3436



95.6294, 0.3011, 0.3323



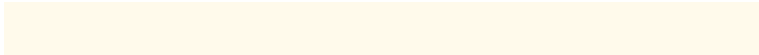
95.6294, 0.3006, 0.3146



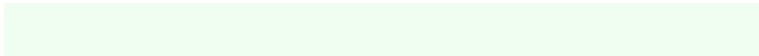
95.6294, 0.3244, 0.3256

Rectangle

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



95.6294, 0.3249, 0.3436



95.6294, 0.3115, 0.3411



95.6294, 0.3006, 0.3146



95.6294, 0.3137, 0.3173

Sweetspot

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



95.6277, 0.3249, 0.3436



98.8666, 0.3157, 0.3327



86.9463, 0.3231, 0.3241



21.1735, 0.3156, 0.3325



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.



95.6277, 0.3249, 0.3436



95.0094, 0.3267, 0.3458



97.8385, 0.3212, 0.3485



20.2778, 0.3275, 0.3467



30.9121, 0.4717, 0.4636



3.1826, 0.4644, 0.4694

Inverse Universe

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



87.1755, 0.3005, 0.3140



85.4034, 0.2987, 0.3117



85.1373, 0.3038, 0.3091



18.1140, 0.2979, 0.3106



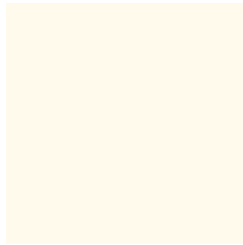
5.8640, 0.1579, 0.0884



0.7352, 0.1637, 0.1092

Previews

White Background



This preview shows how the Yxy color 95.6294, 0.3249, 0.3436 looks on a white background.

Color Contrast Check

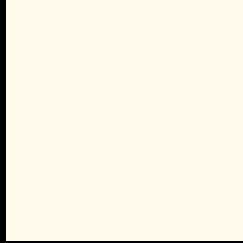
Large Text (above 18pt) WCAG AA × Fail

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 95.6294, 0.3249, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

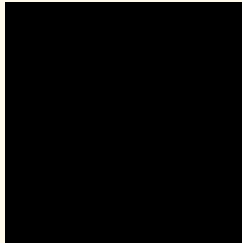
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6294, 0.3249, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 95.6294, 0.3249, 0.3436.



This preview shows how white text looks on a background with the Yxy color 95.6294, 0.3249, 0.3436.

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

95.6294, 0.3249, 0.3436

Protanopia

95.3622, 0.3213, 0.3367

Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.6294, 0.3249, 0.3436

Protanomaly

95.2434, 0.3225, 0.3387

Deuteranomaly

95.4824, 0.3201, 0.3348

Tritanomaly

95.5995, 0.3165, 0.3300

Monochromacy



Original Color

95.6294, 0.3249, 0.3436

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.6592, 0.3169, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6294, 0.3249, 0.3436 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 235) }
```

Border

The CSS property to change the border of an element to Yxy 95.6294, 0.3249, 0.3436 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, 235) }
```

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

```
.border{ border-color:rgb(255, 250, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6294, 0.3249, 0.3436 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
250, 235) }
```

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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