

Converting Colors

$Yxy(94.9706, 0.3297, 0.3510)$

Have a look what the booklet for
Yxy(94.9706, 0.3297, 0.3510)
contains.

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Color

Yxy(95.1773, 0.3297, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAE3
RGB	255, 250, 227
RGB Percent	100%, 98%, 89%
CMY	0.0002, 0.0195, 0.1099
CMYK	0.00, 0.02, 0.11, 0.00
HSL	49°, 100%, 94%
HSV	49°, 11%, 100%
XYZ	89.2744, 95.1773, 86.3230
YIQ	248.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

Format	Color
R _Y B	233, 255, 227
Decimal	16775907
CIE Lab	98.10, -2.16, 11.63
CIE LCh	98, 11.826, 100.543
Yxy	95.1773, 0.3297, 0.3515
Android (android.graphics.Color)	4294965987 (0xFFFFFAE3)
YUV	248.8730, -10.7834, 5.3734
Hunter-Lab	97.5589, -7.3857, 15.8296

Details

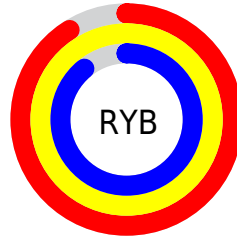
The Yxy color **95.1773, 0.3297, 0.3515** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.2049, 0.2954, 0.3055**, and the grayscale version is **94.7020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5679, 0.3328, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **91.1185, 0.3462, 0.3728**, and if you desaturate by 10%, it is **99.5194, 0.3142, 0.3309**.

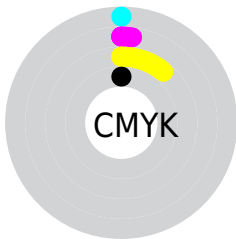
Distribution



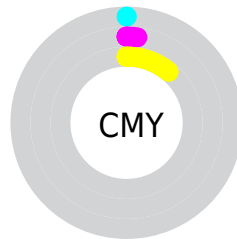
- Red (100%)
- Green (98%)
- Blue (89%)



- Red (91%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1773, 0.3297, 0.3515 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 95.1773, 0.3297, 0.3515 by changing the saturation by 10% instead.


 95.1773, 0.3297,
0.3515

 95.1773, 0.3297,
0.3515


544.7324, 0.3222,
0.3415

 72.2826, 0.3313,
0.3537


154.5095, 0.3272,
0.3481

 53.3895, 0.3333,
0.3563


191.7158, 0.3262,
0.3468

 38.1138, 0.3357,
0.3596

234.4614, 0.3253,
0.3456

 26.0710, 0.3388,
0.3638

283.1306, 0.3245,
0.3446

 16.8768, 0.3428,
0.3692

338.1080, 0.3239,
0.3437

 10.1467, 0.3482,
0.3767

399.7778, 0.3233,

 5.4963, 0.3559,

0.3429

0.3876

468.5245, 0.3227,
0.3422

■ 2.5413, 0.3679,
0.4046

■ 0.8973, 0.4298,
0.4821

■ 95.1773, 0.3297,
0.3515

■ 95.1773, 0.3297,
0.3515

■ 91.1185, 0.3462,
0.3728

99.5194, 0.3142,
0.3309

■ 87.3208, 0.3635,
0.3942

99.9905, 0.3127,
0.3290

■ 83.7782, 0.3810,
0.4150

■ 80.4795, 0.3982,
0.4343

■ 77.4126, 0.4143,
0.4510

■ 74.5640, 0.4286,
0.4641

■ 71.9182, 0.4404,
0.4728

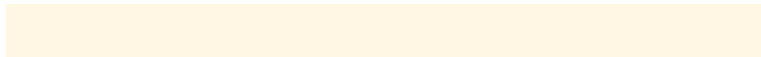
■ 69.4567, 0.4493,
0.4768

■ 67.3666, 0.4550,
0.4769

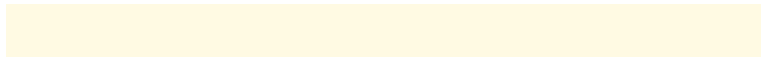
Harmonies

Analogous

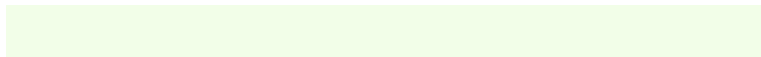
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1773, 0.3371, 0.3463



95.1773, 0.3297, 0.3515



95.1773, 0.3178, 0.3505

Triad

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



95.1773, 0.3297, 0.3515



95.1773, 0.2882, 0.3204



95.1773, 0.3205, 0.3152

Complementary

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



95.1773, 0.3297, 0.3515



81.2049, 0.2954, 0.3055

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.



95.1773, 0.3073, 0.3086



95.1773, 0.3297, 0.3515



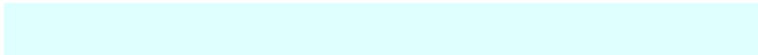
95.1773, 0.2888, 0.3113

Square

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



95.1773, 0.3297, 0.3515



95.1773, 0.2939, 0.3322



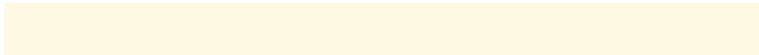
95.1773, 0.2957, 0.3071



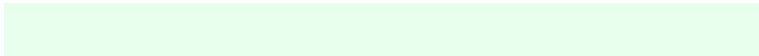
95.1773, 0.3318, 0.3254

Rectangle

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



95.1773, 0.3297, 0.3515



95.1773, 0.3090, 0.3464



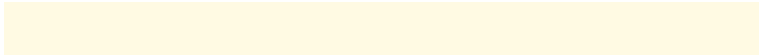
95.1773, 0.2957, 0.3071



95.1773, 0.3161, 0.3125

Sweetspot

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



95.1815, 0.3297, 0.3515



98.6604, 0.3172, 0.3350



82.0101, 0.3289, 0.3240



21.0417, 0.3184, 0.3367



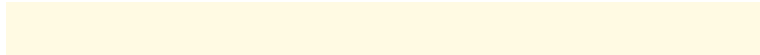
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1815, 0.3297, 0.3515



94.3771, 0.3330, 0.3558



96.6427, 0.3234, 0.3566



20.5143, 0.3274, 0.3484



35.4146, 0.4543, 0.4774



3.5845, 0.4496, 0.4812

Inverse Universe

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



81.2049, 0.2954, 0.3055



78.0416, 0.2920, 0.3007



79.9490, 0.3012, 0.3008



17.8948, 0.2979, 0.3088



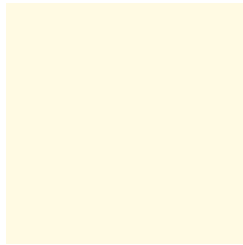
4.8987, 0.1544, 0.0757



0.6119, 0.1594, 0.0937

Previews

White Background



This preview shows how the Yxy color 95.1773, 0.3297, 0.3515 looks on a white background.

Color Contrast Check

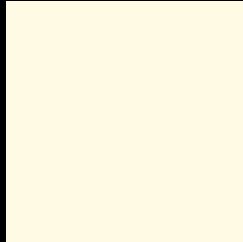
Large Text (above 18pt) WCAG AA × Fail

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 95.1773, 0.3297, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

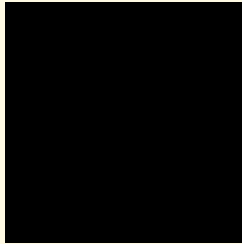
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1773, 0.3297, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 95.1773, 0.3297, 0.3515.

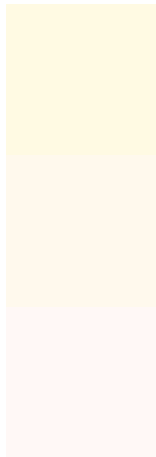


This preview shows how white text looks on a background with the Yxy color 95.1773, 0.3297, 0.3515.

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

95.1773, 0.3297, 0.3515

Protanopia

95.1258, 0.3237, 0.3407

Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.1773, 0.3297, 0.3515

Protanomaly

94.8946, 0.3262, 0.3446

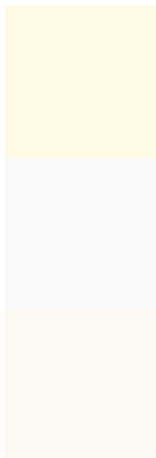
Deuteranomaly

95.2434, 0.3225, 0.3387

Tritanomaly

95.4148, 0.3183, 0.3329

Monochromacy



Original Color

95.1773, 0.3297, 0.3515

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6115, 0.3187, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1773, 0.3297, 0.3515 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 $rgb(255, 250, 227)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 227) }
```

Border

The CSS property to change the border of an element to Yxy 95.1773, 0.3297, 0.3515 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, 227) }
```

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

```
.border{ border-color:rgb(255, 250, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1773, 0.3297, 0.3515 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
250, 227) }
```

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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