

Converting Colors

$Yxy(97.5137, 0.3278, 0.3523)$

Have a look what the booklet for
Yxy(97.5137, 0.3278, 0.3523)
contains.

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Color

Yxy(97.8568, 0.3275, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEE6
RGB	255, 254, 230
RGB Percent	100%, 100%, 90%
CMY	0.0000, 0.0039, 0.0981
CMYK	0.00, 0.00, 0.10, 0.00
HSL	58°, 100%, 95%
HSV	58°, 10%, 100%
XYZ	90.9682, 97.8568, 88.9405
YIQ	251.5630, 8.3000, -7.2520

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 255, 230
Decimal	16776934
CIE Lab	99.17, -3.66, 11.60
CIE LCh	99, 12.167, 107.503
Yxy	97.8568, 0.3275, 0.3523
Android (android.graphics.Color)	4294967014 (0xFFFFFEE6)
YUV	251.5630, -10.6306, 3.0142
Hunter-Lab	98.9226, -8.9678, 15.9386

Details

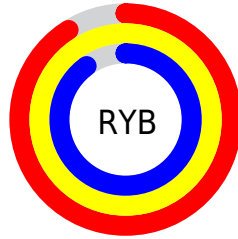
The Yxy color 97.8568, 0.3275, 0.3523 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.1794, 0.2973, 0.3046, and the grayscale version is 97.0452, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.9943, 0.3308, 0.3574 is the 20% darker color. If you saturate the color by 10%, you get 95.8833, 0.3430, 0.3767, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



- Red (100%)
- Green (100%)
- Blue (90%)



- Red (91%)
- Yellow (100%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.8568, 0.3275, 0.3523 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 97.8568, 0.3275, 0.3523 by changing the saturation by 10% instead.


 97.8568, 0.3275,
0.3523

 97.8568, 0.3275,
0.3523

553.2708, 0.3211,
0.3420

 74.5150, 0.3289,
0.3545


158.2055, 0.3253,
0.3488

 55.2156, 0.3306,
0.3573

195.9812, 0.3245,
0.3474

 39.5744, 0.3326,
0.3606


239.3370, 0.3237,
0.3462

 27.2069, 0.3352,
0.3649

288.6573, 0.3231,
0.3452

 17.7286, 0.3386,
0.3705

344.3264, 0.3225,
0.3443

 10.7553, 0.3431,
0.3782

406.7287, 0.3219,

 5.9026, 0.3495,

0.3434

0.3893

476.2488, 0.3215,
0.3427

■ 2.7859, 0.3592,
0.4067

■ 1.0210, 0.3998,
0.4662

■ 97.8568, 0.3275,
0.3523

■ 97.8568, 0.3275,
0.3523

■ 95.8833, 0.3430,
0.3767

100.0000, 0.3127,
0.3290

■ 94.1138, 0.3587,
0.4011

■ 92.5385, 0.3740,
0.4246

■ 91.1469, 0.3882,
0.4462

■ 89.9273, 0.4008,
0.4650

■ 88.8670, 0.4111,
0.4800

■ 87.9511, 0.4189,
0.4907

■ 87.1621, 0.4239,
0.4970

■ 86.4719, 0.4265,
0.4995

Harmonies

Analogous

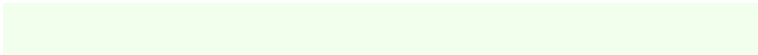
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.8568, 0.3364, 0.3484



97.8568, 0.3275, 0.3523



97.8568, 0.3147, 0.3498

Triad

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



97.8568, 0.3275, 0.3523



97.8568, 0.2873, 0.3177



97.8568, 0.3236, 0.3172

Complementary

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



97.8568, 0.3275, 0.3523



81.1794, 0.2973, 0.3046

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.



97.8568, 0.3103, 0.3093



97.8568, 0.3275, 0.3523



97.8568, 0.2895, 0.3094

Square

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



97.8568, 0.3275, 0.3523



97.8568, 0.2917, 0.3294



97.8568, 0.2978, 0.3065



97.8568, 0.3342, 0.3280

Rectangle

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



97.8568, 0.3275, 0.3523



97.8568, 0.3058, 0.3447



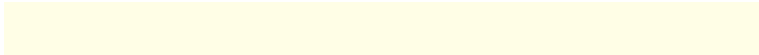
97.8568, 0.2978, 0.3065



97.8568, 0.3193, 0.3141

Sweetspot

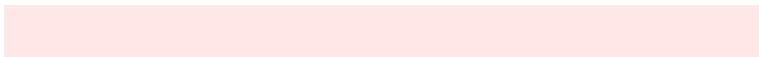
The Sweet Spot groups the original color and five complimentary colors.



97.8567, 0.3275, 0.3523



99.3224, 0.3172, 0.3360



83.6251, 0.3292, 0.3278



21.2210, 0.3184, 0.3379



0.0000, 0.0000, 0.0000



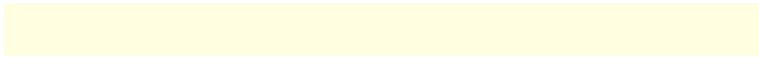
21.4041, 0.3127, 0.3290

Same Dimension

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



97.8567, 0.3275, 0.3523



97.4070, 0.3309, 0.3576



96.4189, 0.3202, 0.3538



20.9591, 0.3270, 0.3516



45.2317, 0.4265, 0.4996



4.4412, 0.4256, 0.5003

Inverse Universe

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



81.1794, 0.2973, 0.3046



77.3181, 0.2936, 0.2987



82.5454, 0.3047, 0.3041



17.4938, 0.2978, 0.3054



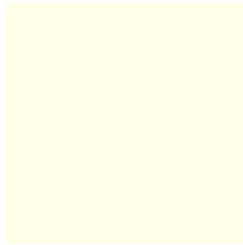
3.9383, 0.1507, 0.0624



0.4225, 0.1522, 0.0680

Previews

White Background



This preview shows how the Yxy color 97.8568, 0.3275, 0.3523 looks on a white background.

Color Contrast Check

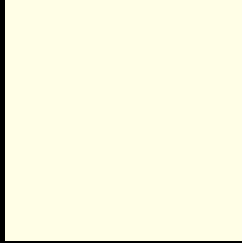
Large Text (above 18pt) WCAG AA × Fail

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 97.8568, 0.3275, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

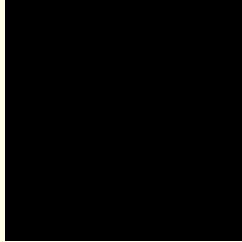
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.8568, 0.3275, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 97.8568, 0.3275, 0.3523.



This preview shows how white text looks on a background with the Yxy color 97.8568, 0.3275, 0.3523.

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

97.8568, 0.3275, 0.3523



Protanopia

97.5962, 0.3175, 0.3338

Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy



Original Color

97.8568, 0.3275, 0.3523

Protanomaly

97.8614, 0.3210, 0.3406

Deuteranomaly

97.9816, 0.3198, 0.3386

Tritanomaly

97.9752, 0.3174, 0.3357

Monochromacy



Original Color

97.8568, 0.3275, 0.3523



Achromatopsia

97.3445, 0.3127, 0.3290



Achromatomaly

97.6649, 0.3180, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.8568, 0.3275, 0.3523 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, 254, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 230)  
}
```

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, 254, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 230) }
```

Border

The CSS property to change the border of an element to Yxy 97.8568, 0.3275, 0.3523 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, 254, 230) }
```

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

```
.border{ border-color:rgb(255, 254, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 97.8568, 0.3275, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 230) }
```

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

```
.background{ background-color: rgb(255,  
254, 230) }
```

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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