

Converting Colors

$Yxy(97.1837, 0.3288, 0.3534)$

Have a look what the booklet for
Yxy(97.1837, 0.3288, 0.3534)
contains.

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Color

Yxy(97.1120, 0.3288, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDE4
RGB	255, 253, 228
RGB Percent	100%, 99%, 89%
CMY	0.0000, 0.0079, 0.1059
CMYK	0.00, 0.01, 0.11, 0.00
HSL	56°, 100%, 95%
HSV	56°, 11%, 100%
XYZ	90.3777, 97.1120, 87.3816
YIQ	250.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

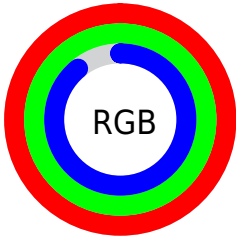
Format	Color
R_{YB}	230, 255, 228
Decimal	16776676
CIE _{Lab}	98.87, -3.47, 12.20
CIE _{LCh}	99, 12.680, 105.860
Yxy	97.1120, 0.3288, 0.3533
Android (android.graphics.Color)	4294966756 (0xFFFFFDE4)
YUV	250.7480, -11.2148, 3.7290
Hunter-Lab	98.5454, -8.7491, 16.4085

Details

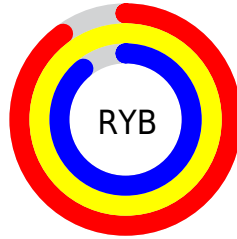
The Yxy color 97.1120, 0.3288, 0.3533 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.3125, 0.2960, 0.3035, and the grayscale version is 96.3363, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5028, 0.3317, 0.3575 is the 20% darker color. If you saturate the color by 10%, you get 94.6078, 0.3446, 0.3769, and if you desaturate by 10%, it is 99.8332, 0.3136, 0.3303.

Distribution



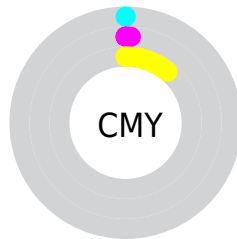
- Red (100%)
- Green (99%)
- Blue (89%)



- Red (90%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.1120, 0.3288, 0.3533 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 97.1120, 0.3288, 0.3533 by changing the saturation by 10% instead.

 97.1120, 0.3288,
0.3533

 97.1120, 0.3288,
0.3533


550.9044, 0.3218,
0.3426

 73.8940, 0.3303,
0.3556

157.1792, 0.3264,
0.3497

 54.7073, 0.3321,
0.3585

194.7973, 0.3255,
0.3482

 39.1674, 0.3344,
0.3620


237.9841, 0.3247,
0.3470

 26.8900, 0.3372,
0.3665

287.1242, 0.3240,
0.3459

 17.4906, 0.3409,
0.3724

342.6018, 0.3233,
0.3449

 10.5849, 0.3459,
0.3804

404.8015, 0.3227,

 5.7885, 0.3529,

0.3440

0.3920

474.1076, 0.3222,
0.3433

■ 2.7169, 0.3635,
0.4102

■ 0.9858, 0.4138,
0.4805

■ 97.1120, 0.3288,
0.3533

■ 97.1120, 0.3288,
0.3533

■ 94.6078, 0.3446,
0.3769

99.8332, 0.3136,
0.3303

■ 92.3170, 0.3606,
0.4006

100.0000, 0.3127,
0.3290

■ 90.2280, 0.3764,
0.4233

■ 88.3302, 0.3913,
0.4443

■ 86.6118, 0.4046,
0.4624

■ 85.0598, 0.4157,
0.4768

■ 83.6593, 0.4242,
0.4869

■ 82.3924, 0.4300,
0.4925

■ 81.2951, 0.4332,
0.4942

Harmonies

Analogous

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



97.1120, 0.3378, 0.3488



97.1120, 0.3288, 0.3533



97.1120, 0.3156, 0.3510

Triad

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



97.1120, 0.3288, 0.3533



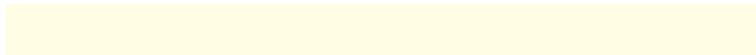
97.1120, 0.2862, 0.3178



97.1120, 0.3234, 0.3161

Complementary

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



97.1120, 0.3288, 0.3533



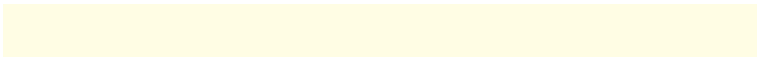
80.3125, 0.2960, 0.3035

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.



97.1120, 0.3094, 0.3082



97.1120, 0.3288, 0.3533



97.1120, 0.2881, 0.3089

Square

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



97.1120, 0.3288, 0.3533



97.1120, 0.2912, 0.3301



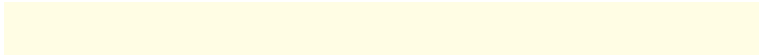
97.1120, 0.2965, 0.3055



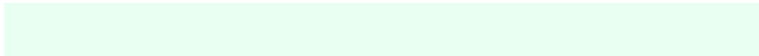
97.1120, 0.3347, 0.3273

Rectangle

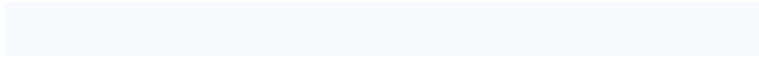
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.1120, 0.3288, 0.3533



97.1120, 0.3063, 0.3459



97.1120, 0.2965, 0.3055



97.1120, 0.3188, 0.3130

Sweetspot

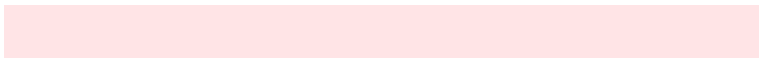
The Sweet Spot groups the original color and five complimentary colors.



97.1101, 0.3288, 0.3533



99.1554, 0.3172, 0.3358



82.4766, 0.3301, 0.3268



21.1757, 0.3184, 0.3376



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.



97.1101, 0.3288, 0.3533



96.4863, 0.3326, 0.3590



96.3104, 0.3213, 0.3558



20.8463, 0.3271, 0.3508



42.5758, 0.4330, 0.4944



4.2115, 0.4312, 0.4958

Inverse Universe

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



80.3125, 0.2960, 0.3035



76.2040, 0.2919, 0.2972



81.1038, 0.3034, 0.3020



17.5941, 0.2978, 0.3063



4.0919, 0.1513, 0.0645



0.4700, 0.1541, 0.0747

Previews

White Background



This preview shows how the Yxy color 97.1120, 0.3288, 0.3533 looks on a white background.

Color Contrast Check

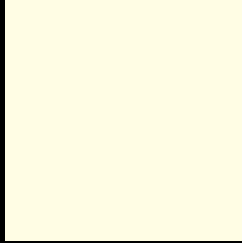
Large Text (above 18pt) WCAG AA × Fail

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 97.1120, 0.3288, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

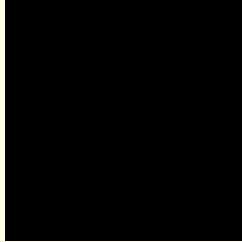
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.1120, 0.3288, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 97.1120, 0.3288, 0.3533.



This preview shows how white text looks on a background with the Yxy color 97.1120, 0.3288, 0.3533.

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

97.1120, 0.3288, 0.3533



Protanopia

96.7860, 0.3194, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.2852, 0.3123, 0.3252

Trichromacy



Original Color

97.1120, 0.3288, 0.3533

Protanomaly

97.0539, 0.3229, 0.3425

Deuteranomaly

97.2916, 0.3205, 0.3386

Tritanomaly

97.2842, 0.3181, 0.3357

Monochromacy



Original Color

97.1120, 0.3288, 0.3533



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.7873, 0.3180, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.1120, 0.3288, 0.3533 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, 253, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 228)  
}
```

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, 253, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 228) }
```

Border

The CSS property to change the border of an element to Yxy 97.1120, 0.3288, 0.3533 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, 253, 228) }
```

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

```
.border{ border-color:rgb(255, 253, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 97.1120, 0.3288, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 228) }
```

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

```
.background{ background-color: rgb(255,  
253, 228) }
```

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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