

Converting Colors

Yxy(171.0023, 0.3196, 0.4336)

Have a look what the booklet for
Yxy(171.0023, 0.3196, 0.4336)
contains.

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Color

Yxy(97.6517, 0.3284, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFE1
RGB	252, 255, 225
RGB Percent	99%, 100%, 88%
CMY	0.0117, 0.0000, 0.1175
CMYK	0.01, 0.00, 0.12, 0.00
HSL	66°, 100%, 94%
HSV	66°, 12%, 100%
XYZ	89.5027, 97.6517, 85.3873
YIQ	250.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

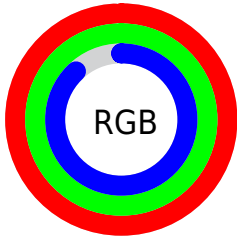
Format	Color
RYB	225, 255, 228
Decimal	16580577
CIELab	99.08, -5.97, 13.99
CIELCh	99, 15.210, 113.121
Yxy	97.6517, 0.3284, 0.3583
Android (android.graphics.Color)	4294770657 (0xFFFCFFE1)
YUV	250.6830, -12.6617, 1.1550
Hunter-Lab	98.8189, -11.2612, 17.9420

Details

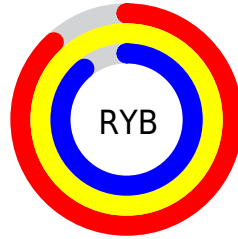
The Yxy color 97.6517, 0.3284, 0.3583 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 77.5846, 0.2960, 0.2983, and the grayscale version is 96.3009, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8925, 0.3312, 0.3639 is the 20% darker color. If you saturate the color by 10%, you get 95.8953, 0.3420, 0.3841, and if you desaturate by 10%, it is 99.6308, 0.3150, 0.3333.

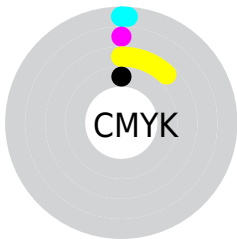
Distribution



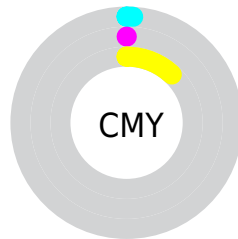
- Red (99%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.6517, 0.3284, 0.3583 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 97.6517, 0.3284, 0.3583 by changing the saturation by 10% instead.

 97.6517, 0.3284,
0.3583

 97.6517, 0.3284,
0.3583


552.6197, 0.3216,
0.3453

 74.3439, 0.3299,
0.3611


157.9230, 0.3261,
0.3539

 55.0756, 0.3316,
0.3646

195.6553, 0.3252,
0.3522

 39.4622, 0.3338,
0.3689


238.9646, 0.3244,
0.3506

 27.1195, 0.3365,
0.3743


288.2353, 0.3237,
0.3493

 17.6630, 0.3399,
0.3815

343.8518, 0.3231,
0.3481

 10.7083, 0.3445,
0.3913

406.1984, 0.3225,

 5.8711, 0.3510,

0.3471

0.4055

475.6596, 0.3220,
0.3462

■ 2.7668, 0.3604,
0.4279

■ 1.0112, 0.4179,
0.5217

■ 97.6517, 0.3284,
0.3583

■ 97.6517, 0.3284,
0.3583

■ 95.8953, 0.3420,
0.3841

■ 99.6308, 0.3150,
0.3333

■ 94.3396, 0.3553,
0.4101

■ 99.9996, 0.3127,
0.3290

■ 92.9791, 0.3679,
0.4353

■ 91.8028, 0.3792,
0.4586

■ 90.7991, 0.3886,
0.4791

■ 89.9548, 0.3956,
0.4957

■ 89.2545, 0.4000,
0.5080

■ 88.6800, 0.4017,
0.5157

■ 88.2779, 0.4016,
0.5193

Harmonies

Analogous

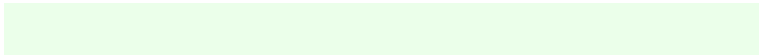
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.6517, 0.3408, 0.3547



97.6517, 0.3284, 0.3583



97.6517, 0.3120, 0.3537

Triad

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



97.6517, 0.3284, 0.3583



97.6517, 0.2809, 0.3124



97.6517, 0.3292, 0.3166

Complementary

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



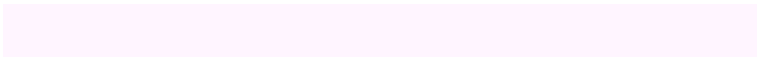
97.6517, 0.3284, 0.3583



77.5846, 0.2960, 0.2983

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.



97.6517, 0.3127, 0.3060



97.6517, 0.3284, 0.3583



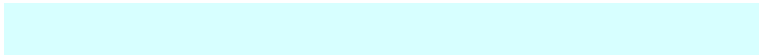
97.6517, 0.2851, 0.3033

Square

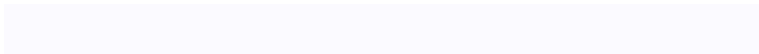
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



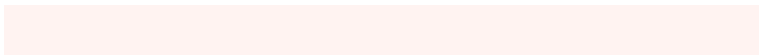
97.6517, 0.3284, 0.3583



97.6517, 0.2848, 0.3265



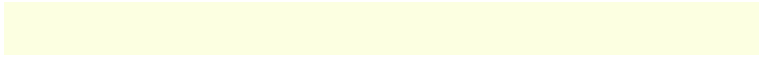
97.6517, 0.2967, 0.3011



97.6517, 0.3414, 0.3304

Rectangle

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



97.6517, 0.3284, 0.3583



97.6517, 0.3011, 0.3464



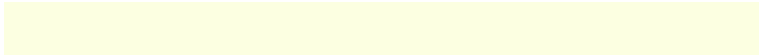
97.6517, 0.2967, 0.3011



97.6517, 0.3240, 0.3125

Sweetspot

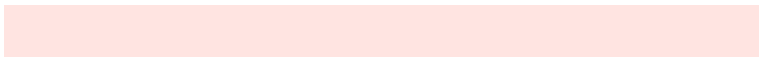
The Sweet Spot groups the original color and five complimentary colors.



97.6560, 0.3284, 0.3583



99.1682, 0.3180, 0.3388



81.9263, 0.3337, 0.3316



21.1935, 0.3190, 0.3407



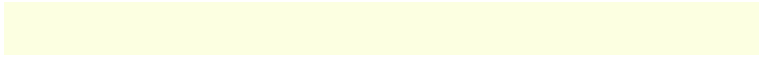
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



97.6560, 0.3284, 0.3583



97.2423, 0.3314, 0.3641



95.0516, 0.3191, 0.3591



20.9934, 0.3254, 0.3526



46.1648, 0.4019, 0.5191



4.5204, 0.4040, 0.5174

Inverse Universe

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



77.5846, 0.2960, 0.2983



73.7046, 0.2925, 0.2919



80.0561, 0.3056, 0.2992



17.4642, 0.2994, 0.3045



3.9115, 0.1533, 0.0618



0.4083, 0.1598, 0.0654

Previews

White Background



This preview shows how the Yxy color 97.6517, 0.3284, 0.3583 looks on a white background.

Color Contrast Check

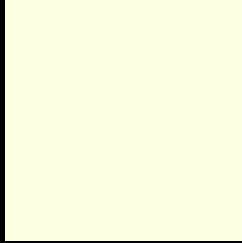
Large Text (above 18pt) WCAG AA × Fail

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 97.6517, 0.3284, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

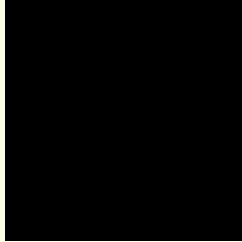
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.6517, 0.3284, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 97.6517, 0.3284, 0.3583.



This preview shows how white text looks on a background with the Yxy color 97.6517, 0.3284, 0.3583.

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

97.6517, 0.3284, 0.3583



Protanopia

97.5346, 0.3181, 0.3348

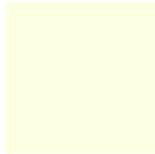
Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy



Original Color

97.6517, 0.3284, 0.3583



Protanomaly

97.4944, 0.3222, 0.3435



Deuteranomaly

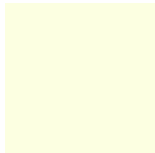
97.7322, 0.3198, 0.3396



Tritanomaly

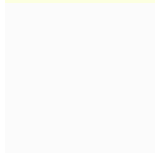
97.6649, 0.3180, 0.3377

Monochromacy



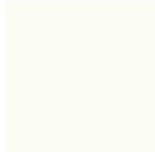
Original Color

97.6517, 0.3284, 0.3583



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.5408, 0.3179, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.6517, 0.3284, 0.3583 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(252, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 225)  
}
```

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(252, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 97.6517, 0.3284, 0.3583 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(252, 255, 225) }
```

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

```
.border{ border-color:rgb(252, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 97.6517, 0.3284, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 225) }
```

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

```
.background{ background-color: rgb(252,  
255, 225) }
```

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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