

Converting Colors

$Yxy(89.3773, 0.3380, 0.3596)$

Have a look what the booklet for
Yxy(89.3773, 0.3380, 0.3596)
contains.

Yxy(89.5501, 0.3380, 0.3600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(89.5501, 0.3380, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	FCF3D4
RGB	252, 243, 212
RGB Percent	99%, 95%, 83%
CMY	0.0117, 0.0470, 0.1687
CMYK	0.00, 0.04, 0.16, 0.01
HSL	47°, 87%, 91%
HSV	47°, 16%, 99%
XYZ	84.0776, 89.5501, 75.1226
YIQ	242.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

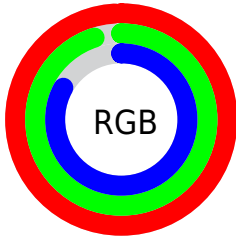
Format	Color
R_{YB}	224, 252, 212
Decimal	16577492
CIE _{Lab}	95.81, -1.97, 16.05
CIE _{LCh}	96, 16.170, 96.982
Yxy	89.5501, 0.3380, 0.3600
Android (android.graphics.Color)	4294767572 (0xFFFCF3D4)
YUV	242.1570, -14.8674, 8.6323
Hunter-Lab	94.6309, -7.0106, 19.1744

Details

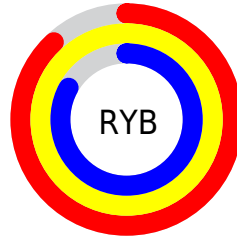
The Yxy color **89.5501, 0.3380, 0.3600** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.7203, 0.2872, 0.2960**, and the grayscale version is **89.0364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.5771, 0.3435, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **85.0415, 0.3554, 0.3803**, and if you desaturate by 10%, it is **94.3697, 0.3217, 0.3402**.

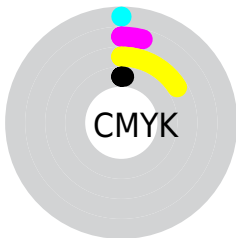
Distribution



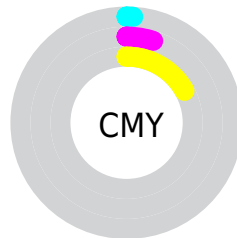
- Red (99%)
- Green (95%)
- Blue (83%)



- Red (88%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5501, 0.3380, 0.3600 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 89.5501, 0.3380, 0.3600 by changing the saturation by 10% instead.

 89.5501, 0.3380,
0.3600

 89.5501, 0.3380,
0.3600

526.5663, 0.3268,
0.3461

 67.6076, 0.3405,
0.3631

146.7133, 0.3342,
0.3553

 49.5785, 0.3434,
0.3668

182.7028, 0.3327,
0.3534

 35.0786, 0.3471,
0.3714

224.1433, 0.3314,
0.3518

 23.7235, 0.3518,
0.3773

271.4193, 0.3302,
0.3504

 15.1286, 0.3580,
0.3851

324.9153, 0.3292,
0.3491

 8.9097, 0.3663,
0.3958

385.0155, 0.3283,

 4.6823, 0.3783,

0.3480

0.4113

452.1043, 0.3275,
0.3470

■ 2.0621, 0.3974,
0.4366

■ 0.6432, 0.4669,
0.5331

■ 89.5501, 0.3380,
0.3600

■ 89.5501, 0.3380,
0.3600

■ 85.0415, 0.3554,
0.3803

■ 94.3697, 0.3217,
0.3402

■ 80.8219, 0.3736,
0.4004

■ 99.0138, 0.3109,
0.3284

■ 76.8845, 0.3920,
0.4197

■ 99.4365, 0.3109,
0.3290

■ 73.2175, 0.4101,
0.4370

■ 69.8079, 0.4271,
0.4514

■ 66.6413, 0.4420,
0.4618

■ 63.7007, 0.4542,
0.4675

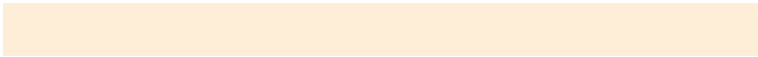
■ 60.9657, 0.4634,
0.4683

■ 59.8877, 0.4666,
0.4677

Harmonies

Analogous

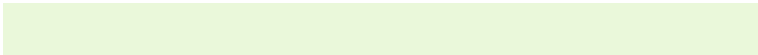
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5501, 0.3475, 0.3516



89.5501, 0.3380, 0.3600



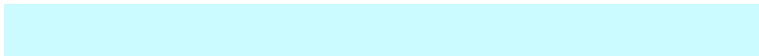
89.5501, 0.3218, 0.3599

Triad

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



89.5501, 0.3380, 0.3600



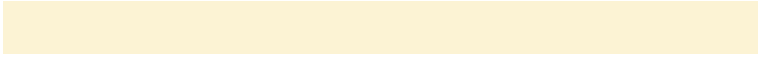
89.5501, 0.2792, 0.3187



89.5501, 0.3213, 0.3086

Complementary

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



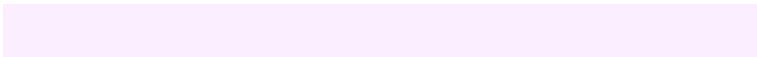
89.5501, 0.3380, 0.3600



72.7203, 0.2872, 0.2960

Split Complementary

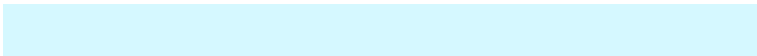
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5501, 0.3029, 0.3001



89.5501, 0.3380, 0.3600



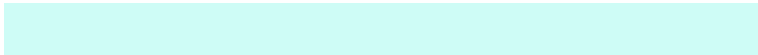
89.5501, 0.2790, 0.3054

Square

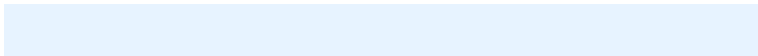
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.5501, 0.3380, 0.3600



89.5501, 0.2880, 0.3354



89.5501, 0.2875, 0.2988



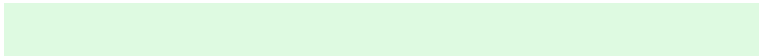
89.5501, 0.3378, 0.3221

Rectangle

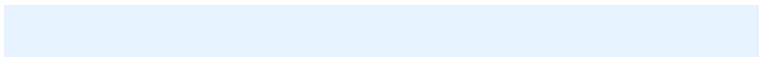
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.5501, 0.3380, 0.3600



89.5501, 0.3095, 0.3548



89.5501, 0.2875, 0.2988



89.5501, 0.3151, 0.3051

Sweetspot

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



89.5541, 0.3380, 0.3600



97.3909, 0.3203, 0.3385



73.0078, 0.3361, 0.3196



20.7685, 0.3214, 0.3399



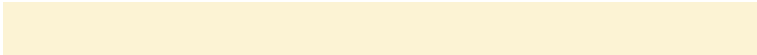
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

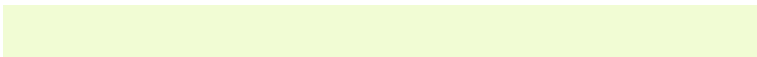
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5541, 0.3380, 0.3600



90.5102, 0.3433, 0.3663



93.1354, 0.3296, 0.3695



19.4900, 0.3274, 0.3473



31.4257, 0.4656, 0.4685



3.0671, 0.4590, 0.4738

Inverse Universe

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



72.7203, 0.2872, 0.2960



70.2739, 0.2818, 0.2887



69.7350, 0.2940, 0.2870



17.2757, 0.2979, 0.3100



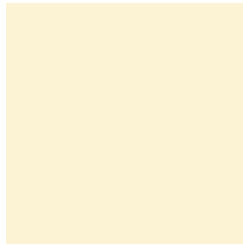
5.3467, 0.1566, 0.0838



0.6467, 0.1625, 0.1049

Previews

White Background



This preview shows how the Yxy color 89.5501, 0.3380, 0.3600 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 89.5501, 0.3380, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

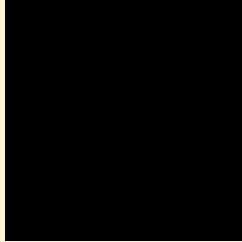
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.5501, 0.3380, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 89.5501, 0.3380, 0.3600.

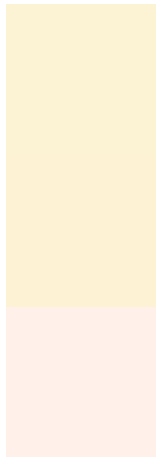


This preview shows how white text looks on a background with the Yxy color 89.5501, 0.3380, 0.3600.

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

89.5501, 0.3380, 0.3600

Protanopia

89.3286, 0.3395, 0.3589

Deuteranopia

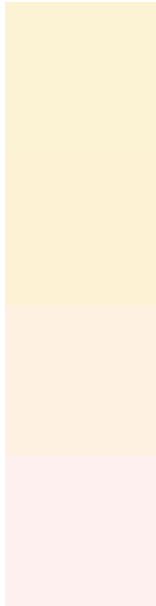
89.5207, 0.3264, 0.3349



Tritanopia

89.5009, 0.3147, 0.3146

Trichromacy



Original Color

89.5501, 0.3380, 0.3600

Protanomaly

89.1404, 0.3388, 0.3589

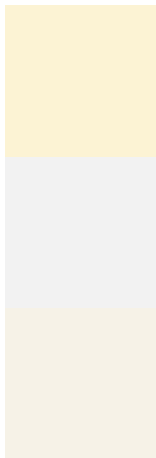
Deuteranomaly

89.4724, 0.3307, 0.3438

Tritanomaly

89.5641, 0.3232, 0.3310

Monochromacy



Original Color

89.5501, 0.3380, 0.3600

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.8666, 0.3221, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5501, 0.3380, 0.3600 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, 243, 212)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 212)  
}
```

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, 243, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 212) }
```

Border

The CSS property to change the border of an element to Yxy 89.5501, 0.3380, 0.3600 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, 243, 212) }
```

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

```
.border{ border-color:rgb(252, 243, 212) }
```

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

Here you see how a box with a 4 pixel rgb(252, 243, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 212);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5501, 0.3380, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 212) }
```

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

```
.background{ background-color: rgb(252,  
243, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor