

Converting Colors

$Yxy(93.2548, 0.3232, 0.3606)$

Have a look what the booklet for
Yxy(93.2548, 0.3232, 0.3606)
contains.

Yxy(93.3665, 0.3233, 0.3602)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.3665, 0.3233, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	F0FCDD
RGB	240, 252, 221
RGB Percent	94%, 99%, 87%
CMY	0.0588, 0.0118, 0.1332
CMYK	0.05, 0.00, 0.12, 0.01
HSL	83°, 84%, 93%
HSV	83°, 12%, 99%
XYZ	83.8017, 93.3665, 82.0391
YIQ	244.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

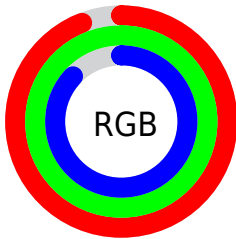
Format	Color
R _Y B	221, 252, 233
Decimal	15793373
CIE Lab	97.38, -9.24, 13.48
CIE LCh	97, 16.348, 124.426
Yxy	93.3665, 0.3233, 0.3602
Android (android.graphics.Color)	4293983453 (0xFFFF0FCDD)
YUV	244.8780, -11.7719, -4.2780
Hunter-Lab	96.6263, -14.2873, 17.2992

Details

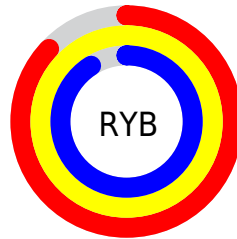
The Yxy color **93.3665, 0.3233, 0.3602** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.0936, 0.3011, 0.2974**, and the grayscale version is **91.3072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9737, 0.3255, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **90.4627, 0.3319, 0.3875**, and if you desaturate by 10%, it is **96.5720, 0.3147, 0.3346**.

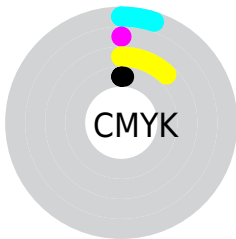
Distribution



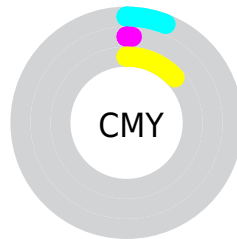
- Red (94%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)




- Cyan (6%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3665, 0.3233, 0.3602 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 93.3665, 0.3233, 0.3602 by changing the saturation by 10% instead.


 93.3665, 0.3233,
0.3602

 93.3665, 0.3233,
0.3602


538.9222, 0.3187,
0.3462

 70.7762, 0.3243,
0.3633


152.0059, 0.3218,
0.3554

 52.1596, 0.3254,
0.3671


188.8238, 0.3212,
0.3535

 37.1323, 0.3269,
0.3718


231.1530, 0.3206,
0.3519

 25.3099, 0.3286,
0.3779

279.3778, 0.3202,
0.3505

 16.3081, 0.3309,
0.3860

333.8828, 0.3197,
0.3492

 9.7424, 0.3339,
0.3972

395.0523, 0.3194,

 5.2285, 0.3379,

0.3481

0.4139

463.2706, 0.3190,
0.3471

■ 2.3820, 0.3435,
0.4410

■ 0.8166, 0.4027,
0.5973

■ 93.3665, 0.3233,
0.3602

■ 93.3665, 0.3233,
0.3602

■ 90.4627, 0.3319,
0.3875

■ 96.5720, 0.3147,
0.3346

■ 87.8381, 0.3400,
0.4160

■ 98.1019, 0.3128,
0.3262

■ 85.4856, 0.3473,
0.4448

■ 83.3933, 0.3532,
0.4729

■ 81.5482, 0.3573,
0.4989

■ 79.9357, 0.3592,
0.5215

■ 78.5393, 0.3586,
0.5394

■ 77.3393, 0.3556,
0.5521

■ 76.5260, 0.3520,
0.5587

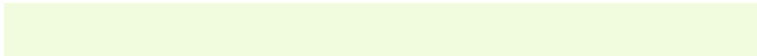
Harmonies

Analogous

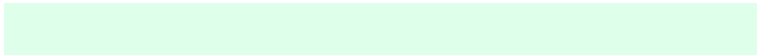
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3665, 0.3391, 0.3595



93.3665, 0.3233, 0.3602



93.3665, 0.3051, 0.3519

Triad

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



93.3665, 0.3233, 0.3602



93.3665, 0.2787, 0.3064



93.3665, 0.3365, 0.3209

Complementary

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



93.3665, 0.3233, 0.3602



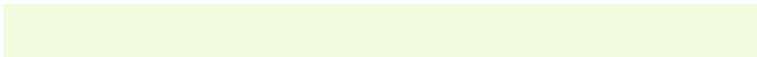
76.0936, 0.3011, 0.2974

Split Complementary

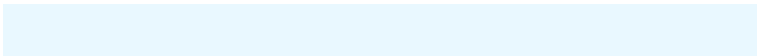
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3665, 0.3197, 0.3077



93.3665, 0.3233, 0.3602



93.3665, 0.2866, 0.2992

Square

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



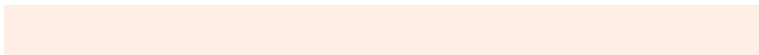
93.3665, 0.3233, 0.3602



93.3665, 0.2797, 0.3200



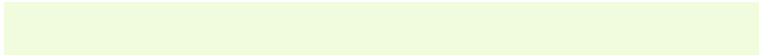
93.3665, 0.3014, 0.2998



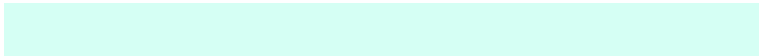
93.3665, 0.3469, 0.3364

Rectangle

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



93.3665, 0.3233, 0.3602



93.3665, 0.2939, 0.3423



93.3665, 0.3014, 0.2998



93.3665, 0.3314, 0.3160

Sweetspot

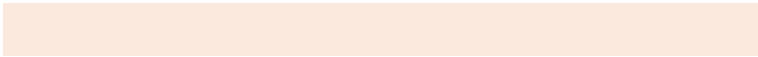
The Sweet Spot groups the original color and five complimentary colors.



93.3706, 0.3233, 0.3602



98.6184, 0.3161, 0.3388



84.1452, 0.3335, 0.3409



21.0540, 0.3168, 0.3407



0.0000, 0.0000, 0.0000



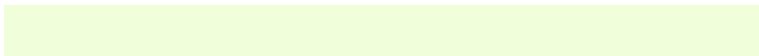
21.4041, 0.3127, 0.3290

Same Dimension

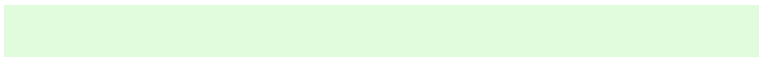
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3706, 0.3233, 0.3602



95.0731, 0.3256, 0.3675



90.7965, 0.3135, 0.3611



19.8354, 0.3209, 0.3529



39.9503, 0.3530, 0.5579



3.7612, 0.3608, 0.5517

Inverse Universe

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



76.0936, 0.3011, 0.2974



73.8013, 0.2983, 0.2899



78.7911, 0.3116, 0.2984



16.9709, 0.3040, 0.3049



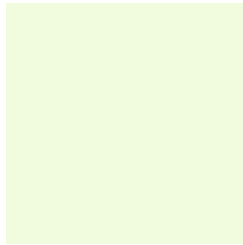
5.0824, 0.1823, 0.0778



0.5298, 0.1955, 0.0851

Previews

White Background



This preview shows how the Yxy color 93.3665, 0.3233, 0.3602 looks on a white background.

Color Contrast Check

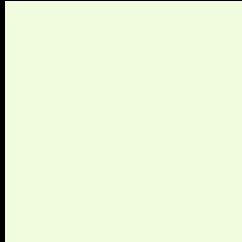
Large Text (above 18pt) WCAG AA × Fail

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 93.3665, 0.3233, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

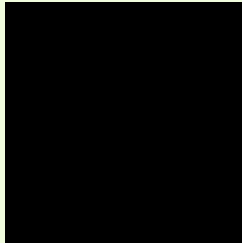
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

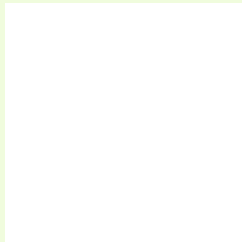
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3665, 0.3233, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 93.3665, 0.3233, 0.3602.

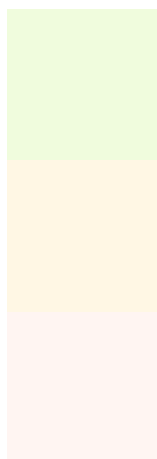


This preview shows how white text looks on a background with the Yxy color 93.3665, 0.3233, 0.3602.

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

93.3665, 0.3233, 0.3602

Protanopia

93.3830, 0.3294, 0.3476

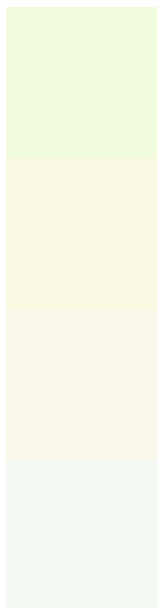
Deuteranopia

92.9756, 0.3210, 0.3319

Tritanopia

93.5157, 0.3080, 0.3212

Trichromacy



Original Color

93.3665, 0.3233, 0.3602

Protanomaly

93.5116, 0.3278, 0.3527

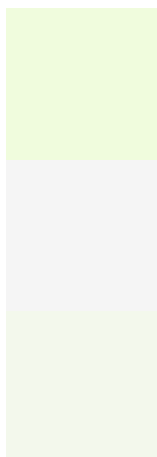
Deuteranomaly

93.3993, 0.3224, 0.3428

Tritanomaly

93.4555, 0.3131, 0.3349

Monochromacy



Original Color

93.3665, 0.3233, 0.3602

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.2456, 0.3166, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3665, 0.3233, 0.3602 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(240, 252, 221)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 221)  
}
```

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(240, 252, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 221) }
```

Border

The CSS property to change the border of an element to Yxy 93.3665, 0.3233, 0.3602 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(240, 252, 221) }
```

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

```
.border{ border-color:rgb(240, 252, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 252, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3665, 0.3233, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 221) }
```

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

```
.background{ background-color: rgb(240,  
252, 221) }
```

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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