

Converting Colors

$Yxy(93.0439, 0.3140, 0.3559)$

Have a look what the booklet for
Yxy(93.0439, 0.3140, 0.3559)
contains.

Yxy(92.7855, 0.3140, 0.3555)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.7855, 0.3140, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	E7FDE3
RGB	231, 253, 227
RGB Percent	91%, 99%, 89%
CMY	0.0940, 0.0079, 0.1098
CMYK	0.09, 0.00, 0.10, 0.01
HSL	111°, 87%, 94%
HSV	111°, 10%, 99%
XYZ	81.9540, 92.7855, 86.2605
YIQ	243.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

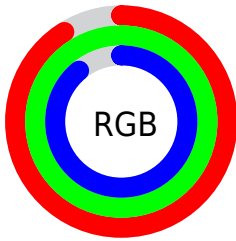
Format	Color
R _{YB}	227, 253, 249
Decimal	15203811
CIE Lab	97.14, -11.78, 10.01
CIE LCh	97, 15.455, 139.638
Yxy	92.7855, 0.3140, 0.3555
Android (android.graphics.Color)	4293393891 (0xFFE7FDE3)
YUV	243.4580, -8.1138, -10.9257
Hunter-Lab	96.3252, -16.7004, 14.3327

Details

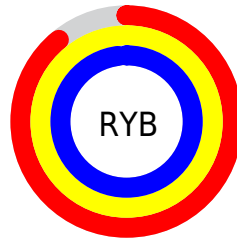
The Yxy color $92.7855, 0.3140, 0.3555$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $82.1605, 0.3112, 0.3035$, and the grayscale version is $90.0873, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.5724, 0.3136, 0.3605$ is the 20% darker color. If you saturate the color by 10%, you get $88.1516, 0.3150, 0.3845$, and if you desaturate by 10%, it is $98.0667, 0.3128, 0.3297$.

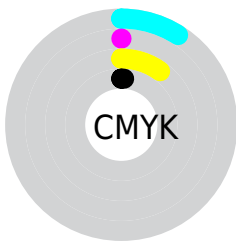
Distribution



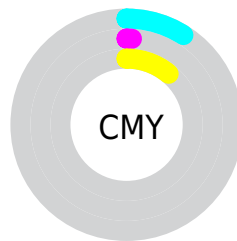
- Red (91%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (98%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7855, 0.3140, 0.3555 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 92.7855, 0.3140, 0.3555 by changing the saturation by 10% instead.


 92.7855, 0.3140,
0.3555

 92.7855, 0.3140,
0.3555


537.0509, 0.3135,
0.3436

 70.2932, 0.3141,
0.3582

151.2016, 0.3139,
0.3514

 51.7656, 0.3142,
0.3614


187.8942, 0.3138,
0.3498

 36.8183, 0.3142,
0.3655


230.0891, 0.3137,
0.3484

 25.0668, 0.3143,
0.3707

278.1706, 0.3137,
0.3472

 16.1269, 0.3144,
0.3777

332.5232, 0.3137,
0.3461

 9.6140, 0.3143,
0.3875

393.5311, 0.3136,

 5.1438, 0.3141,

0.3452

0.4021

461.5789, 0.3136,
0.3443

■ 2.3319, 0.3131,
0.4264

■ 0.7905, 0.3277,
0.5585

■ 92.7855, 0.3140,
0.3555

■ 92.7855, 0.3140,
0.3555

■ 88.1516, 0.3150,
0.3845

■ 98.0667, 0.3128,
0.3297

■ 84.1285, 0.3158,
0.4163

■ 98.7281, 0.3128,
0.3271

■ 80.6942, 0.3160,
0.4502

■ 77.8208, 0.3156,
0.4849

■ 75.4780, 0.3145,
0.5184

■ 73.6326, 0.3125,
0.5483

■ 72.2475, 0.3099,
0.5722

■ 71.2803, 0.3068,
0.5884

■ 70.6857, 0.3038,
0.5970

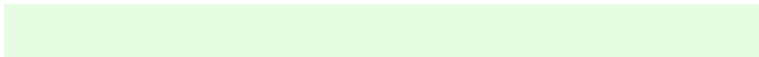
Harmonies

Analogous

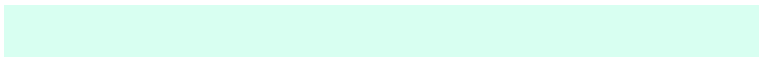
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7855, 0.3307, 0.3593



92.7855, 0.3140, 0.3555



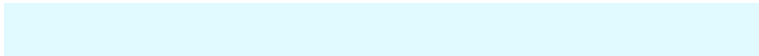
92.7855, 0.2973, 0.3440

Triad

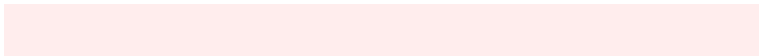
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7855, 0.3140, 0.3555



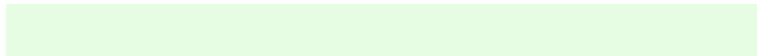
92.7855, 0.2833, 0.3032



92.7855, 0.3412, 0.3287

Complementary

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



92.7855, 0.3140, 0.3555



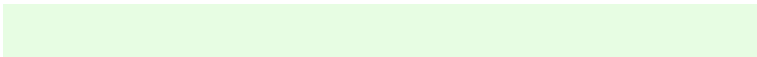
82.1605, 0.3112, 0.3035

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.



92.7855, 0.3279, 0.3146



92.7855, 0.3140, 0.3555



92.7855, 0.2944, 0.3001

Square

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



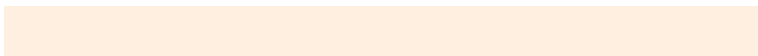
92.7855, 0.3140, 0.3555



92.7855, 0.2799, 0.3134



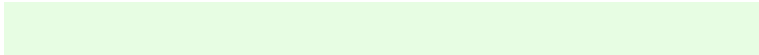
92.7855, 0.3107, 0.3043



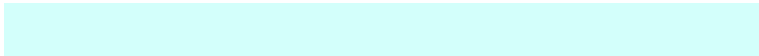
92.7855, 0.3467, 0.3432

Rectangle

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



92.7855, 0.3140, 0.3555



92.7855, 0.2883, 0.3337



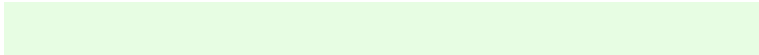
92.7855, 0.3107, 0.3043



92.7855, 0.3375, 0.3238

Sweetspot

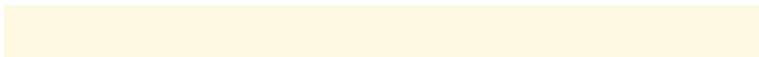
The Sweet Spot groups the original color and five complimentary colors.



92.7895, 0.3140, 0.3555



98.3121, 0.3131, 0.3364



93.9712, 0.3286, 0.3503



20.9485, 0.3132, 0.3384



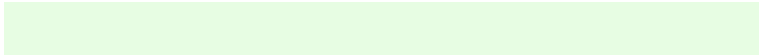
0.0000, 0.0000, 0.0000



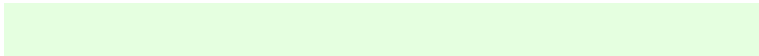
21.4041, 0.3127, 0.3290

Same Dimension

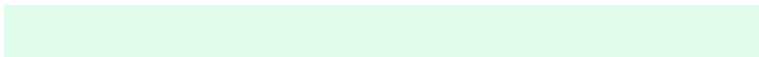
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7895, 0.3140, 0.3555



93.6072, 0.3142, 0.3603



92.6154, 0.3065, 0.3467



20.3036, 0.3139, 0.3534



37.6426, 0.3044, 0.5965



3.7026, 0.3105, 0.5916

Inverse Universe

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



82.1605, 0.3112, 0.3035



81.1157, 0.3109, 0.2990



82.3710, 0.3195, 0.3120



18.1490, 0.3113, 0.3054



11.4045, 0.2818, 0.1326



1.1472, 0.2865, 0.1352

Previews

White Background



This preview shows how the Yxy color 92.7855, 0.3140, 0.3555 looks on a white background.

Color Contrast Check

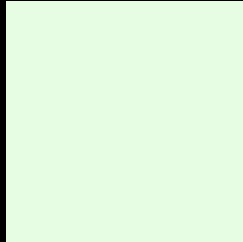
Large Text (above 18pt) WCAG AA × Fail

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 92.7855, 0.3140, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

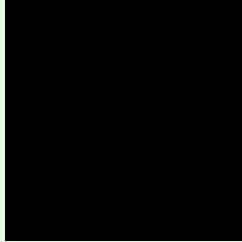
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

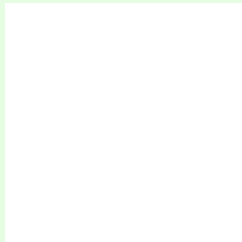
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7855, 0.3140, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 92.7855, 0.3140, 0.3555.

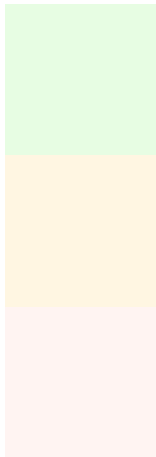


This preview shows how white text looks on a background with the Yxy color 92.7855, 0.3140, 0.3555.

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

92.7855, 0.3140, 0.3555

Protanopia

92.6625, 0.3308, 0.3486

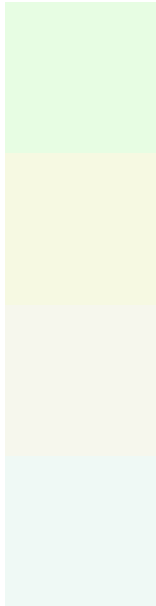
Deuteranopia

92.3722, 0.3211, 0.3310

Tritanopia

92.7962, 0.3055, 0.3212

Trichromacy



Original Color

92.7855, 0.3140, 0.3555

Protanomaly

92.8352, 0.3245, 0.3519

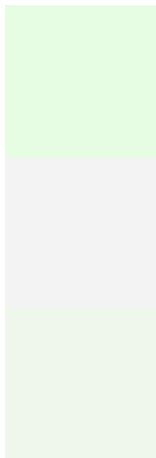
Deuteranomaly

92.2288, 0.3180, 0.3389

Tritanomaly

92.6947, 0.3087, 0.3330

Monochromacy



Original Color

92.7855, 0.3140, 0.3555

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.9867, 0.3135, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7855, 0.3140, 0.3555 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(231, 253, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 253, 227)  
}
```

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(231, 253, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 253, 227) }
```

Border

The CSS property to change the border of an element to Yxy 92.7855, 0.3140, 0.3555 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(231, 253, 227) }
```

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

```
.border{ border-color:rgb(231, 253, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 253, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 253, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 253, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 253,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7855, 0.3140, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 253, 227) }
```

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

```
.background{ background-color: rgb(231,  
253, 227) }
```

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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