

Converting Colors

$Y_{xy}(92.5255, 0.3151, 0.3560)$

Have a look what the booklet for
Yxy(92.5255, 0.3151, 0.3560)
contains.

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Color

Yxy(92.2676, 0.3152, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	E8FCE2
RGB	232, 252, 226
RGB Percent	91%, 99%, 89%
CMY	0.0904, 0.0117, 0.1136
CMYK	0.08, 0.00, 0.10, 0.01
HSL	106°, 81%, 94%
HSV	106°, 10%, 99%
XYZ	81.8080, 92.2676, 85.4676
YIQ	243.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

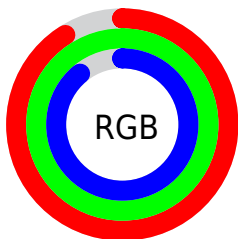
Format	Color
R _Y B	226, 252, 246
Decimal	15269090
CIE _{Lab}	96.93, -11.15, 10.21
CIE _{LCh}	97, 15.121, 137.508
Y _{xy}	92.2676, 0.3152, 0.3555
Android (android.graphics.Color)	4293459170 (0xFFE8FCE2)
Y _{UV}	243.0560, -8.4086, -9.6961
Hunter-Lab	96.0560, -16.0750, 14.4849

Details

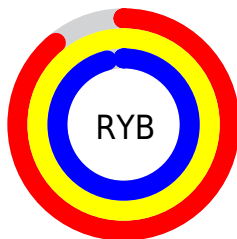
The Yxy color $92.2676, 0.3152, 0.3555$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $81.0460, 0.3099, 0.3033$, and the grayscale version is $89.7431, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.2006, 0.3152, 0.3605$ is the 20% darker color. If you saturate the color by 10%, you get $87.9112, 0.3174, 0.3842$, and if you desaturate by 10%, it is $97.1956, 0.3128, 0.3298$.

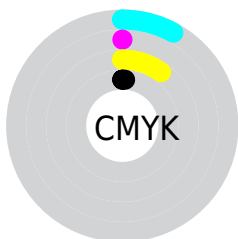
Distribution



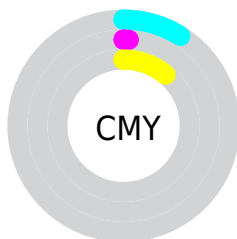
- Red (91%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2676, 0.3152, 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 92.2676, 0.3152, 0.3555 by changing the saturation by 10% instead.


 92.2676, 0.3152,
0.3555

 92.2676, 0.3152,
0.3555


535.3800, 0.3142,
0.3435

 69.8629, 0.3154,
0.3582

150.4842, 0.3149,
0.3514

 51.4148, 0.3156,
0.3614


187.0650, 0.3147,
0.3498

 36.5388, 0.3159,
0.3655

229.1398, 0.3146,
0.3484

 24.8506, 0.3162,
0.3707

277.0932, 0.3145,
0.3472

 15.9658, 0.3165,
0.3777

331.3095, 0.3144,
0.3461

 9.5000, 0.3169,
0.3875

392.1732, 0.3143,

 5.0687, 0.3173,

0.3452

0.4022

460.0685, 0.3143,
0.3443

■ 2.2876, 0.3172,
0.4266

■ 0.7671, 0.3397,
0.5703

■ 92.2676, 0.3152,
0.3555

■ 92.2676, 0.3152,
0.3555

■ 87.9112, 0.3174,
0.3842


■ 97.1956, 0.3128,
0.3298


■ 84.0941, 0.3192,
0.4154

■ 98.1109, 0.3128,
0.3262


■ 80.7983, 0.3205,
0.4486


■ 78.0007, 0.3209,
0.4824

 75.6760, 0.3203,
0.5151

 73.7967, 0.3185,
0.5443

 72.3324, 0.3156,
0.5681

 71.2482, 0.3117,
0.5846

 70.5147, 0.3077,
0.5939

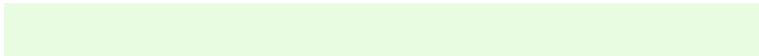
Harmonies

Analogous

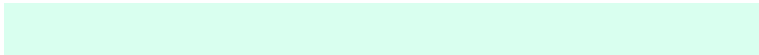
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2676, 0.3314, 0.3586



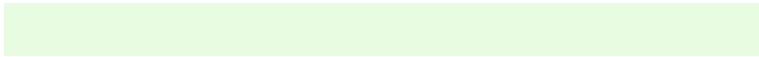
92.2676, 0.3152, 0.3555



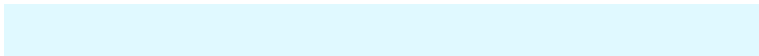
92.2676, 0.2987, 0.3447

Triad

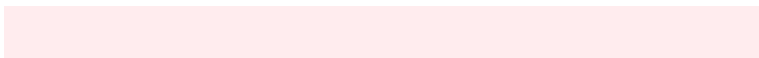
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2676, 0.3152, 0.3555



92.2676, 0.2834, 0.3042



92.2676, 0.3400, 0.3277

Complementary

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



92.2676, 0.3152, 0.3555



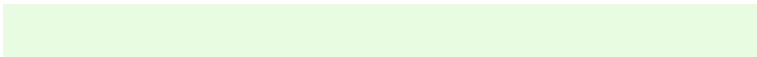
81.0460, 0.3099, 0.3033

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.



92.2676, 0.3265, 0.3140



92.2676, 0.3152, 0.3555



92.2676, 0.2938, 0.3006

Square

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



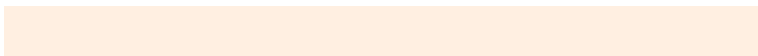
92.2676, 0.3152, 0.3555



92.2676, 0.2806, 0.3146



92.2676, 0.3095, 0.3043



92.2676, 0.3460, 0.3420

Rectangle

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



92.2676, 0.3152, 0.3555



92.2676, 0.2896, 0.3347



92.2676, 0.3095, 0.3043



92.2676, 0.3361, 0.3229

Sweetspot

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



92.2716, 0.3152, 0.3555



98.4142, 0.3135, 0.3364



92.0734, 0.3288, 0.3487



20.9759, 0.3136, 0.3384



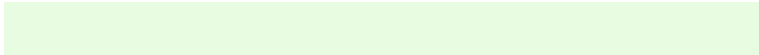
0.0000, 0.0000, 0.0000



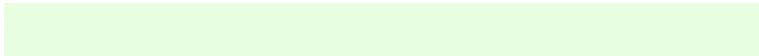
21.4041, 0.3127, 0.3290

Same Dimension

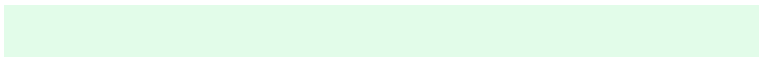
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2716, 0.3152, 0.3555



93.9755, 0.3156, 0.3602



91.6849, 0.3075, 0.3485



19.5001, 0.3150, 0.3533



36.7806, 0.3085, 0.5932



3.4519, 0.3163, 0.5871

Inverse Universe

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



81.0460, 0.3099, 0.3033



80.7070, 0.3094, 0.2989



81.7039, 0.3184, 0.3102



17.3133, 0.3101, 0.3054



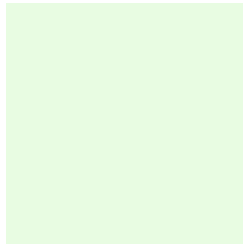
9.7416, 0.2637, 0.1226



0.9492, 0.2708, 0.1266

Previews

White Background



This preview shows how the Yxy color 92.2676, 0.3152, 0.3555 looks on a white background.

Color Contrast Check

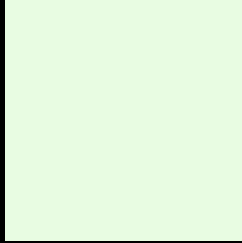
Large Text (above 18pt) WCAG AA × Fail

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 92.2676, 0.3152, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

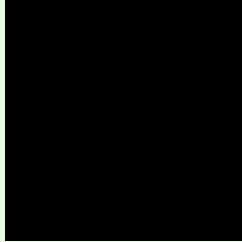
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

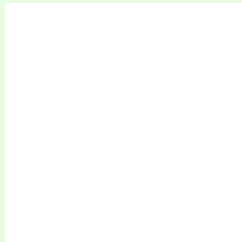
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2676, 0.3152, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 92.2676, 0.3152, 0.3555.

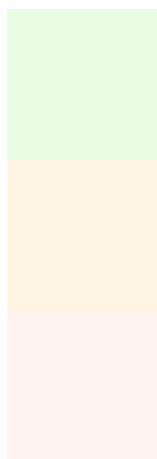


This preview shows how white text looks on a background with the Yxy color 92.2676, 0.3152, 0.3555.

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

92.2676, 0.3152, 0.3555

Protanopia

91.9466, 0.3322, 0.3497

Deuteranopia

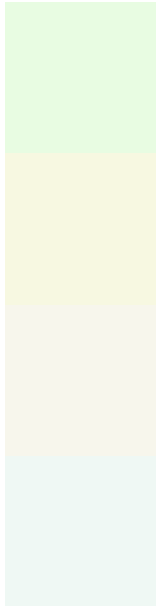
91.7121, 0.3218, 0.3310



Tritanopia

92.1862, 0.3055, 0.3202

Trichromacy



Original Color

92.2676, 0.3152, 0.3555

Protanomaly

92.3452, 0.3259, 0.3519

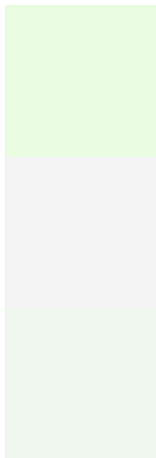
Deuteranomaly

91.7418, 0.3194, 0.3389

Tritanomaly

92.0172, 0.3094, 0.3330

Monochromacy



Original Color

92.2676, 0.3152, 0.3555

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3767, 0.3136, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2676, 0.3152, 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(232, 252, 226)` looks like.

```
.text, #text, p{  
    color:rgb(232, 252, 226)  
}
```

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(232, 252, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 252, 226) }
```

Border

The CSS property to change the border of an element to Yxy 92.2676, 0.3152, 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(232, 252, 226) }
```

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

```
.border{ border-color:rgb(232, 252, 226) }
```

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

Here you see how a box with a 4 pixel rgb(232, 252, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 252, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 252, 226);  
box-shadow:4px 4px 4px 4px rgb(232, 252,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2676, 0.3152, 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(232, 252, 226) }
```

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

```
.background{ background-color: rgb(232,  
252, 226) }
```

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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