

Converting Colors

$Yxy(92.8617, 0.3302, 0.3857)$

Have a look what the booklet for
Yxy(92.8617, 0.3302, 0.3857)
contains.

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Color

Yxy(92.8459, 0.3302, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFC8
RGB	232, 255, 200
RGB Percent	91%, 100%, 78%
CMY	0.0901, 0.0000, 0.2159
CMYK	0.09, 0.00, 0.22, 0.00
HSL	85°, 100%, 89%
HSV	85°, 22%, 100%
XYZ	79.4653, 92.8459, 68.3469
YIQ	241.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

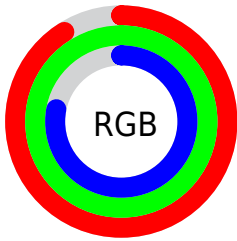
Format	Color
R_{YB}	200, 255, 223
Decimal	15269832
CIE _{Lab}	97.17, -16.75, 23.87
CIE _{LCh}	97, 29.158, 125.059
Yxy	92.8459, 0.3302, 0.3858
Android (android.graphics.Color)	4293459912 (0xFFE8FFC8)
YUV	241.8530, -20.6335, -8.6411
Hunter-Lab	96.3566, -21.4150, 25.3945

Details

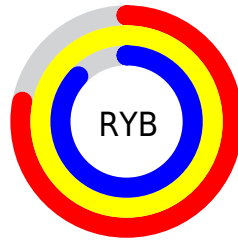
The Yxy color **92.8459, 0.3302, 0.3858** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.1840, 0.2920, 0.2712**, and the grayscale version is **88.8359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6936, 0.3333, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **90.0259, 0.3379, 0.4145**, and if you desaturate by 10%, it is **95.9767, 0.3221, 0.3584**.

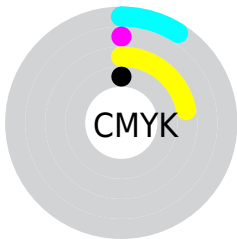
Distribution



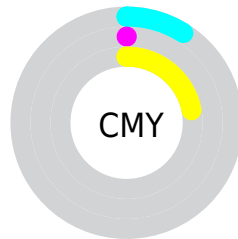
- Red (91%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8459, 0.3302, 0.3858 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 92.8459, 0.3302, 0.3858 by changing the saturation by 10% instead.

 92.8459, 0.3302,
0.3858

 92.8459, 0.3302,
0.3858

537.2456, 0.3229,
0.3600

 70.3434, 0.3317,
0.3916


151.2852, 0.3278,
0.3769

 51.8066, 0.3334,
0.3987

187.9909, 0.3268,
0.3735

 36.8509, 0.3355,
0.4075


230.1998, 0.3260,
0.3704

 25.0921, 0.3380,
0.4189

278.2962, 0.3252,
0.3678

 16.1457, 0.3410,
0.4340

332.6646, 0.3245,
0.3655

 9.6273, 0.3445,
0.4551

393.6894, 0.3239,

 5.1525, 0.3481,

0.3635

0.4860

461.7549, 0.3234,
0.3616

■ 2.3370, 0.3583,
0.5478

■ 0.7932, 0.3031,
0.6969

■ 92.8459, 0.3302,
0.3858

■ 92.8459, 0.3302,
0.3858

■ 90.0259, 0.3379,
0.4145

■ 95.9767, 0.3221,
0.3584

■ 87.4987, 0.3447,
0.4437

■ 99.4233, 0.3140,
0.3329

■ 85.2539, 0.3502,
0.4724

100.0000, 0.3127,
0.3290

■ 83.2777, 0.3540,
0.4991

■ 81.5548, 0.3555,
0.5225

■ 80.0679, 0.3547,
0.5414

■ 78.7966, 0.3514,
0.5549

■ 77.8690, 0.3473,
0.5625

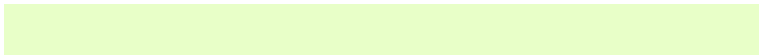
Harmonies

Analogous

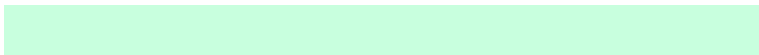
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8459, 0.3589, 0.3836



92.8459, 0.3302, 0.3858



92.8459, 0.2978, 0.3704

Triad

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



92.8459, 0.3302, 0.3858



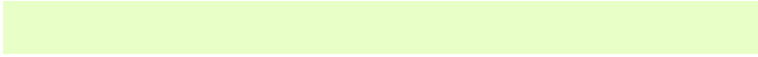
92.8459, 0.2534, 0.2878



92.8459, 0.3559, 0.3148

Complementary

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



92.8459, 0.3302, 0.3858



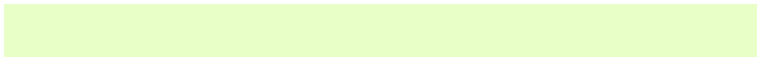
64.1840, 0.2920, 0.2712

Split Complementary

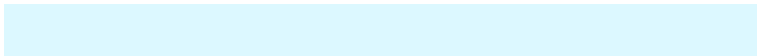
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8459, 0.3255, 0.2923



92.8459, 0.3302, 0.3858



92.8459, 0.2670, 0.2765

Square

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



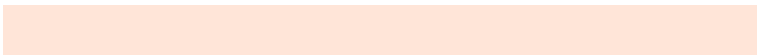
92.8459, 0.3302, 0.3858



92.8459, 0.2546, 0.3114



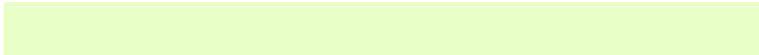
92.8459, 0.2929, 0.2785



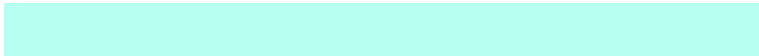
92.8459, 0.3745, 0.3414

Rectangle

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



92.8459, 0.3302, 0.3858



92.8459, 0.2786, 0.3524



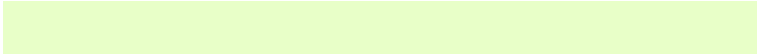
92.8459, 0.2929, 0.2785



92.8459, 0.3466, 0.3066

Sweetspot

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



92.8480, 0.3302, 0.3858



97.8623, 0.3176, 0.3439



78.1445, 0.3518, 0.3524



20.8983, 0.3181, 0.3456



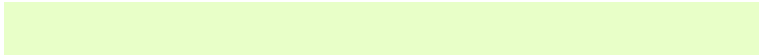
0.0000, 0.0000, 0.0000



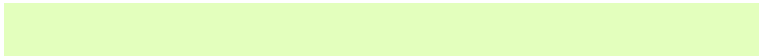
21.4041, 0.3127, 0.3290

Same Dimension

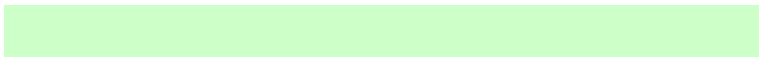
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8480, 0.3302, 0.3858



91.5653, 0.3337, 0.3983



88.6020, 0.3127, 0.3890



20.6909, 0.3204, 0.3529



40.7779, 0.3484, 0.5616



4.0346, 0.3562, 0.5554

Inverse Universe

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



64.1840, 0.2920, 0.2712



58.1420, 0.2869, 0.2582



68.9077, 0.3119, 0.2746



17.7481, 0.3044, 0.3049



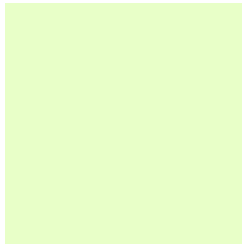
5.4704, 0.1871, 0.0804



0.5950, 0.1997, 0.0874

Previews

White Background



This preview shows how the Yxy color 92.8459, 0.3302, 0.3858 looks on a white background.

Color Contrast Check

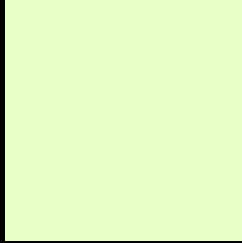
Large Text (above 18pt) WCAG AA × Fail

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 92.8459, 0.3302, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

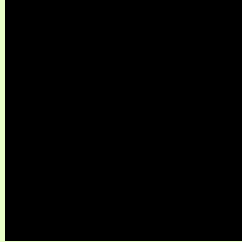
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

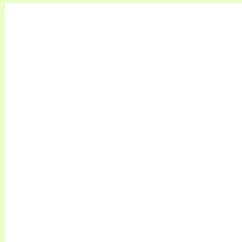
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8459, 0.3302, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 92.8459, 0.3302, 0.3858.

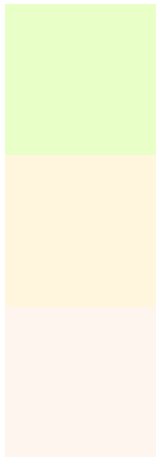


This preview shows how white text looks on a background with the Yxy color 92.8459, 0.3302, 0.3858.

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

92.8459, 0.3302, 0.3858

Protanopia

92.3920, 0.3339, 0.3536

Deuteranopia

92.7968, 0.3229, 0.3349

Tritanopia

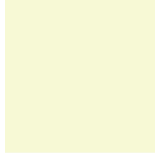
92.3646, 0.3062, 0.3202

Trichromacy



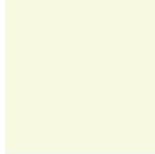
Original Color

92.8459, 0.3302, 0.3858



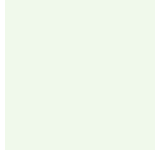
Protanomaly

92.3296, 0.3331, 0.3651



Deuteranomaly

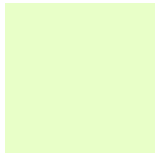
92.9618, 0.3258, 0.3529



Tritanomaly

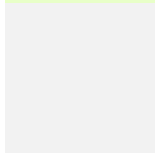
92.2748, 0.3152, 0.3430

Monochromacy



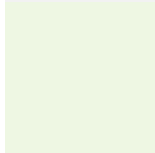
Original Color

92.8459, 0.3302, 0.3858



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.2447, 0.3189, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8459, 0.3302, 0.3858 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, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 200)  
}
```

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, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 200) }
```

Border

The CSS property to change the border of an element to Yxy 92.8459, 0.3302, 0.3858 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, 255, 200) }
```

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

```
.border{ border-color:rgb(232, 255, 200) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8459, 0.3302, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 200) }
```

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

```
.background{ background-color: rgb(232,  
255, 200) }
```

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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