

Converting Colors

$Yxy(91.5727, 0.3182, 0.3448)$

Have a look what the booklet for
Yxy(91.5727, 0.3182, 0.3448)
contains.

Yxy(91.8382, 0.3184, 0.3450)	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(91.8382, 0.3184, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	F2F8E8
RGB	242, 248, 232
RGB Percent	95%, 97%, 91%
CMY	0.0509, 0.0275, 0.0902
CMYK	0.02, 0.00, 0.06, 0.03
HSL	82°, 53%, 94%
HSV	82°, 6%, 97%
XYZ	84.7573, 91.8382, 89.6021
YIQ	244.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

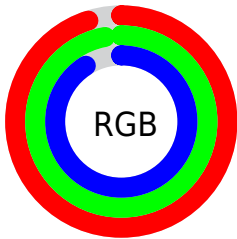
Format	Color
R _Y B	232, 248, 238
Decimal	15923432
CIE Lab	96.75, -4.75, 6.98
CIE LCh	97, 8.443, 124.198
Yxy	91.8382, 0.3184, 0.3450
Android (android.graphics.Color)	4294113512 (0xFFFF2F8E8)
YUV	244.3820, -6.1043, -2.0890
Hunter-Lab	95.8322, -9.8349, 11.6471

Details

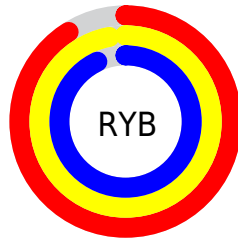
The Yxy color **91.8382, 0.3184, 0.3450** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.6627, 0.3068, 0.3129**, and the grayscale version is **90.8430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2730, 0.3199, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **88.9339, 0.3273, 0.3713**, and if you desaturate by 10%, it is **94.9157, 0.3107, 0.3223**.

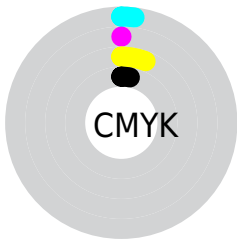
Distribution



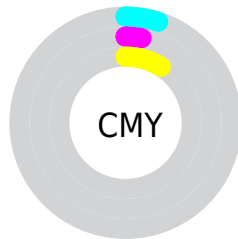
- Red (95%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)




- Cyan (5%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.8382, 0.3184, 0.3450 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 91.8382, 0.3184, 0.3450 by changing the saturation by 10% instead.


 91.8382, 0.3184,
0.3450

 91.8382, 0.3184,
0.3450

533.9925, 0.3159,
0.3378

 69.5062, 0.3189,
0.3466


149.8891, 0.3176,
0.3426

 51.1241, 0.3196,
0.3485


186.3769, 0.3172,
0.3416

 36.3074, 0.3204,
0.3509


228.3520, 0.3169,
0.3408

 24.6717, 0.3214,
0.3540

276.1990, 0.3167,
0.3400

 15.8326, 0.3227,
0.3581

330.3021, 0.3165,
0.3394

 9.4058, 0.3246,
0.3638

391.0458, 0.3163,

 5.0068, 0.3271,

0.3388

0.3722

458.8144, 0.3161,
0.3383

■ 2.2513, 0.3311,
0.3860

■ 0.7477, 0.3565,
0.4482

■ 91.8382, 0.3184,
0.3450

■ 91.8382, 0.3184,
0.3450

■ 88.9339, 0.3273,
0.3713

■ 94.9157, 0.3107,
0.3223

■ 86.2979, 0.3359,
0.3991

■ 95.6138, 0.3130,
0.3223

■ 83.9241, 0.3440,
0.4277

■ 81.8016, 0.3511,
0.4561

■ 79.9187, 0.3566,
0.4832

■ 78.2625, 0.3600,
0.5076

■ 76.8185, 0.3611,
0.5281

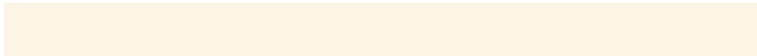
■ 75.5699, 0.3597,
0.5437

■ 74.4961, 0.3559,
0.5540

Harmonies

Analogous

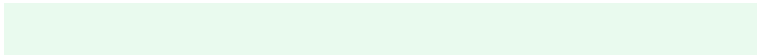
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8382, 0.3265, 0.3448



91.8382, 0.3184, 0.3450



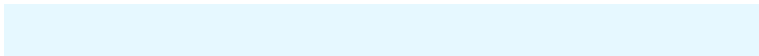
91.8382, 0.3089, 0.3407

Triad

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



91.8382, 0.3184, 0.3450



91.8382, 0.2949, 0.3174



91.8382, 0.3250, 0.3248

Complementary

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



91.8382, 0.3184, 0.3450



82.6627, 0.3068, 0.3129

Split Complementary

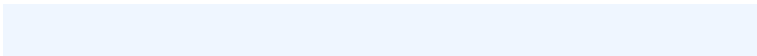
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8382, 0.3164, 0.3177



91.8382, 0.3184, 0.3450



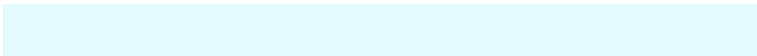
91.8382, 0.2990, 0.3134

Square

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



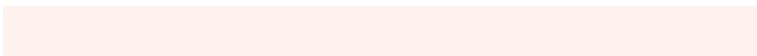
91.8382, 0.3184, 0.3450



91.8382, 0.2954, 0.3246



91.8382, 0.3069, 0.3136



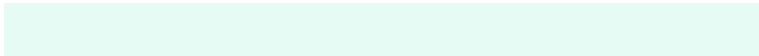
91.8382, 0.3303, 0.3330

Rectangle

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



91.8382, 0.3184, 0.3450



91.8382, 0.3030, 0.3360



91.8382, 0.3069, 0.3136



91.8382, 0.3224, 0.3222

Sweetspot

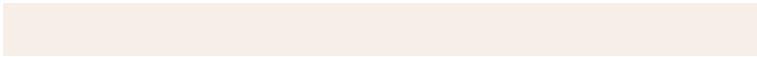
The Sweet Spot groups the original color and five complimentary colors.



91.8422, 0.3184, 0.3450



99.3166, 0.3145, 0.3339



86.8536, 0.3232, 0.3349



21.2650, 0.3144, 0.3336



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.



91.8422, 0.3184, 0.3450



97.3395, 0.3198, 0.3490



90.4750, 0.3133, 0.3452



19.8482, 0.3211, 0.3528



40.1370, 0.3553, 0.5561



3.7778, 0.3629, 0.5501

Inverse Universe

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



82.6627, 0.3068, 0.3129



85.3229, 0.3052, 0.3088



84.0591, 0.3120, 0.3131



16.9585, 0.3037, 0.3049



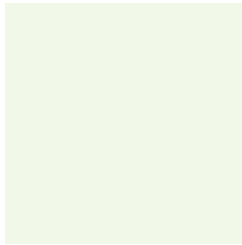
4.9791, 0.1801, 0.0766



0.5194, 0.1932, 0.0838

Previews

White Background



This preview shows how the Yxy color 91.8382, 0.3184, 0.3450 looks on a white background.

Color Contrast Check

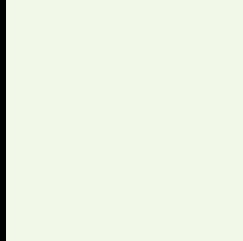
Large Text (above 18pt) WCAG AA × Fail

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 91.8382, 0.3184, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

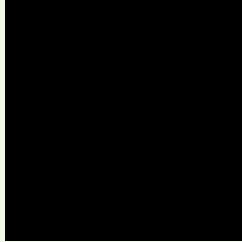
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

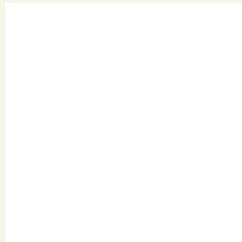
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8382, 0.3184, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 91.8382, 0.3184, 0.3450.

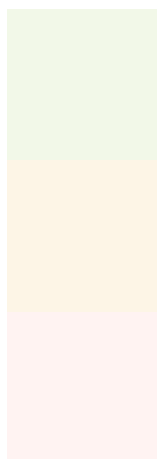


This preview shows how white text looks on a background with the Yxy color 91.8382, 0.3184, 0.3450.

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

91.8382, 0.3184, 0.3450

Protanopia

91.9006, 0.3271, 0.3438

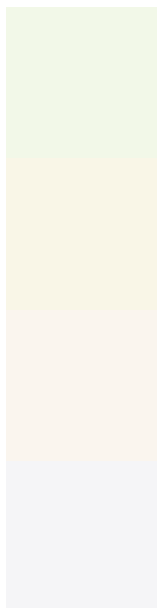
Deuteranopia

91.7720, 0.3212, 0.3300

Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.8382, 0.3184, 0.3450

Protanomaly

91.8208, 0.3237, 0.3439

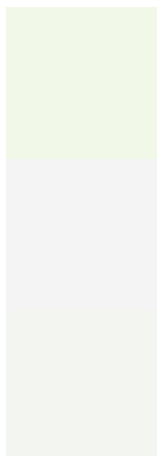
Deuteranomaly

91.8019, 0.3202, 0.3359

Tritanomaly

91.4327, 0.3115, 0.3270

Monochromacy



Original Color

91.8382, 0.3184, 0.3450

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6508, 0.3144, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8382, 0.3184, 0.3450 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(242, 248, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 248, 232)  
}
```

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(242, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 248, 232) }
```

Border

The CSS property to change the border of an element to Yxy 91.8382, 0.3184, 0.3450 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(242, 248, 232) }
```

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

```
.border{ border-color:rgb(242, 248, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 248, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 248,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8382, 0.3184, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 248, 232) }
```

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

```
.background{ background-color: rgb(242,  
248, 232) }
```

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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