

Converting Colors

$Yxy(92.3204, 0.3175, 0.3539)$

Have a look what the booklet for
Yxy(92.3204, 0.3175, 0.3539)
contains.

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Color

Yxy(92.3182, 0.3179, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	ECFBE2
RGB	236, 251, 226
RGB Percent	93%, 98%, 89%
CMY	0.0743, 0.0157, 0.1137
CMYK	0.06, 0.00, 0.10, 0.02
HSL	96°, 76%, 94%
HSV	96°, 10%, 98%
XYZ	82.8336, 92.3182, 85.4132
YIQ	243.6650, -0.9150, -10.9550

Conversions

Conversions Part 2

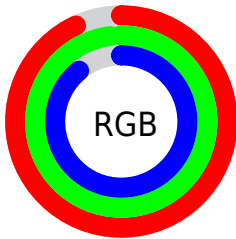
Format	Color
R _Y B	226, 251, 241
Decimal	15530978
CIE Lab	96.95, -9.26, 10.29
CIE LCh	97, 13.842, 131.986
Yxy	92.3182, 0.3179, 0.3543
Android (android.graphics.Color)	4293721058 (0xFFE _C FBE ₂)
YUV	243.6650, -8.7088, -6.7222
Hunter-Lab	96.0824, -14.2574, 14.5513

Details

The Yxy color **92.3182, 0.3179, 0.3543** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0538, 0.3070, 0.3040**, and the grayscale version is **90.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2271, 0.3186, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **88.5823, 0.3230, 0.3821**, and if you desaturate by 10%, it is **96.4794, 0.3127, 0.3289**.

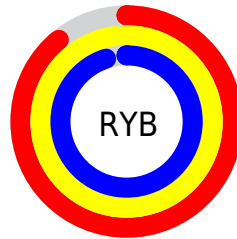
Distribution



Red (93%)

Green (98%)

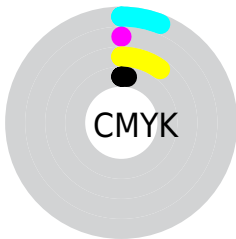
Blue (89%)



Red (89%)

Yellow (98%)

Blue (95%)

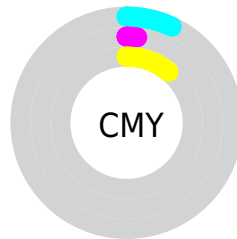


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (2%)



Cyan (7%)


Magenta (2%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3182, 0.3179, 0.3543 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 92.3182, 0.3179, 0.3543 by changing the saturation by 10% instead.


 92.3182, 0.3179,
0.3543

 92.3182, 0.3179,
0.3543


535.5434, 0.3157,
0.3429

 69.9049, 0.3184,
0.3568

150.5543, 0.3172,
0.3504

 51.4491, 0.3189,
0.3599


187.1460, 0.3169,
0.3489

 36.5661, 0.3196,
0.3638


229.2326, 0.3166,
0.3476

 24.8717, 0.3204,
0.3688

277.1985, 0.3164,
0.3464

 15.9815, 0.3215,
0.3754

331.4282, 0.3162,
0.3454

 9.5111, 0.3228,
0.3846

392.3059, 0.3160,

 5.0760, 0.3247,

0.3445

0.3984

460.2162, 0.3158,
0.3436

■ 2.2919, 0.3270,
0.4212

■ 0.7694, 0.3627,
0.5523

■ 92.3182, 0.3179,
0.3543

■ 92.3182, 0.3179,
0.3543

■ 88.5823, 0.3230,
0.3821

■ 96.4794, 0.3127,
0.3289

■ 85.2457, 0.3276,
0.4120

■ 97.4665, 0.3129,
0.3252

■ 82.2976, 0.3316,
0.4433

■ 79.7220, 0.3344,
0.4748

■ 77.5020, 0.3358,
0.5050

■ 75.6188, 0.3353,
0.5322

■ 74.0516, 0.3329,
0.5547

■ 72.7766, 0.3287,
0.5711

■ 71.7587, 0.3231,
0.5816

Harmonies

Analogous

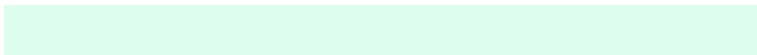
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3182, 0.3322, 0.3558



92.3182, 0.3179, 0.3543



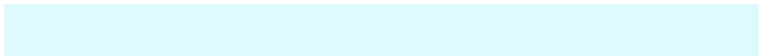
92.3182, 0.3025, 0.3455

Triad

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



92.3182, 0.3179, 0.3543



92.3182, 0.2848, 0.3076



92.3182, 0.3358, 0.3254

Complementary

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



92.3182, 0.3179, 0.3543



80.0538, 0.3070, 0.3040

Split Complementary

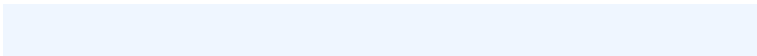
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3182, 0.3226, 0.3133



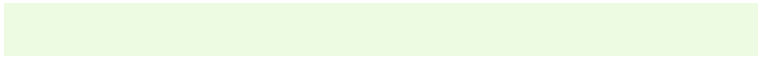
92.3182, 0.3179, 0.3543



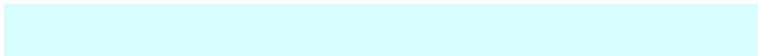
92.3182, 0.2932, 0.3031

Square

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



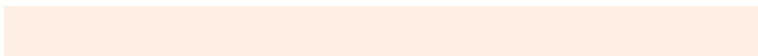
92.3182, 0.3179, 0.3543



92.3182, 0.2836, 0.3182



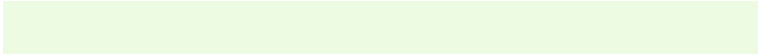
92.3182, 0.3070, 0.3052



92.3182, 0.3427, 0.3387

Rectangle

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



92.3182, 0.3179, 0.3543



92.3182, 0.2936, 0.3369



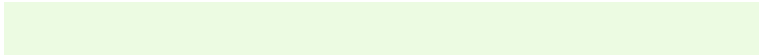
92.3182, 0.3070, 0.3052



92.3182, 0.3319, 0.3211

Sweetspot

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



92.3222, 0.3179, 0.3543



98.6604, 0.3143, 0.3364



88.6618, 0.3287, 0.3435



21.0422, 0.3147, 0.3384



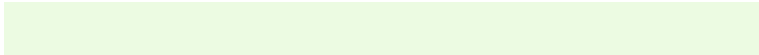
0.0000, 0.0000, 0.0000



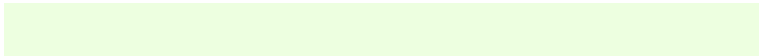
21.4041, 0.3127, 0.3290

Same Dimension

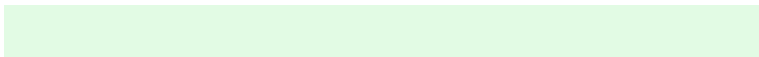
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3222, 0.3179, 0.3543



94.8792, 0.3190, 0.3598



90.7641, 0.3103, 0.3526



19.6501, 0.3177, 0.3531



37.8006, 0.3243, 0.5807



3.5609, 0.3335, 0.5734

Inverse Universe

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



80.0538, 0.3070, 0.3040



79.7451, 0.3057, 0.2986



81.7406, 0.3152, 0.3065



17.1558, 0.3073, 0.3052



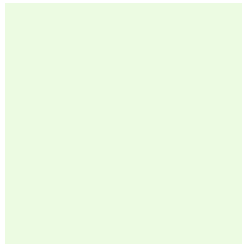
7.1555, 0.2225, 0.0999



0.7245, 0.2340, 0.1062

Previews

White Background



This preview shows how the Yxy color 92.3182, 0.3179, 0.3543 looks on a white background.

Color Contrast Check

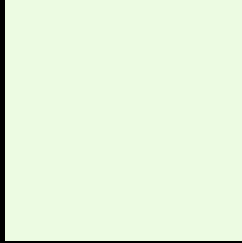
Large Text (above 18pt) WCAG AA × Fail

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 92.3182, 0.3179, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

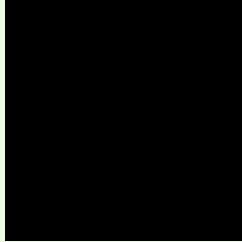
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

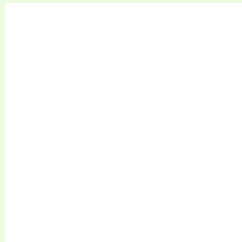
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3182, 0.3179, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 92.3182, 0.3179, 0.3543.

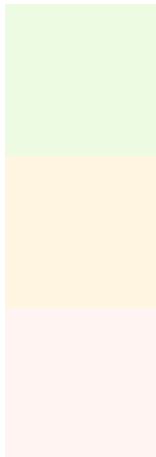


This preview shows how white text looks on a background with the Yxy color 92.3182, 0.3179, 0.3543.

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

92.3182, 0.3179, 0.3543

Protanopia

92.0011, 0.3315, 0.3487

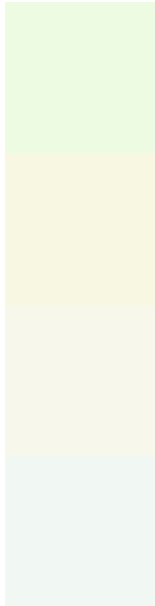
Deuteranopia

92.3122, 0.3217, 0.3319

Tritanopia

92.3646, 0.3062, 0.3202

Trichromacy



Original Color

92.3182, 0.3179, 0.3543

Protanomaly

91.9142, 0.3266, 0.3509

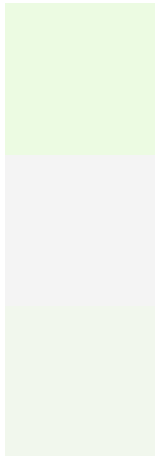
Deuteranomaly

92.5341, 0.3199, 0.3399

Tritanomaly

92.3672, 0.3106, 0.3330

Monochromacy



Original Color

92.3182, 0.3179, 0.3543

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.3367, 0.3148, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3182, 0.3179, 0.3543 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(236, 251, 226)` looks like.

```
.text, #text, p{  
    color:rgb(236, 251, 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(236, 251, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 251, 226) }
```

Border

The CSS property to change the border of an element to Yxy 92.3182, 0.3179, 0.3543 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(236, 251, 226) }
```

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

```
.border{ border-color:rgb(236, 251, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 251, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 251, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 251, 226);  
box-shadow:4px 4px 4px 4px rgb(236, 251,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3182, 0.3179, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 251, 226) }
```

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

```
.background{ background-color: rgb(236,  
251, 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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