

Converting Colors

$Yxy(90.1654, 0.3177, 0.3427)$

Have a look what the booklet for
Yxy(90.1654, 0.3177, 0.3427)
contains.

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Color

Yxy(90.4385, 0.3179, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	F1F6E8
RGB	241, 246, 232
RGB Percent	95%, 96%, 91%
CMY	0.0548, 0.0353, 0.0903
CMYK	0.02, 0.00, 0.06, 0.04
HSL	81°, 44%, 94%
HSV	81°, 6%, 96%
XYZ	83.7960, 90.4385, 89.3578
YIQ	242.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

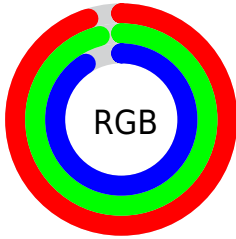
Format	Color
R _Y B	232, 246, 237
Decimal	15857384
CIE Lab	96.18, -4.09, 6.16
CIE LCh	96, 7.396, 123.579
Yxy	90.4385, 0.3179, 0.3431
Android (android.graphics.Color)	4294047464 (0xFFFF1F6E8)
YUV	242.9090, -5.3781, -1.6742
Hunter-Lab	95.0992, -9.1395, 10.8589

Details

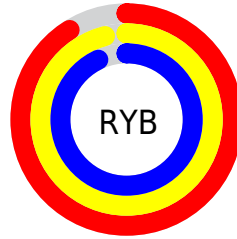
The Yxy color **90.4385, 0.3179, 0.3431** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3462, 0.3073, 0.3148**, and the grayscale version is **89.5966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2758, 0.3193, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **87.6382, 0.3271, 0.3692**, and if you desaturate by 10%, it is **93.4149, 0.3098, 0.3203**.

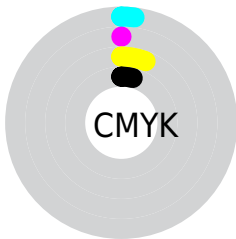
Distribution



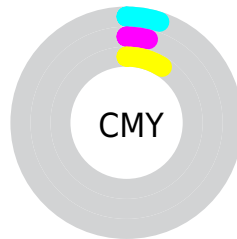
- Red (95%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.4385, 0.3179, 0.3431 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 90.4385, 0.3179, 0.3431 by changing the saturation by 10% instead.

 90.4385, 0.3179,
0.3431

 90.4385, 0.3179,
0.3431

529.4562, 0.3156,
0.3368

 68.3444, 0.3184,
0.3445

147.9473, 0.3171,
0.3409

 50.1780, 0.3190,
0.3462

184.1309, 0.3168,
0.3401

 35.5548, 0.3197,
0.3483


225.7796, 0.3166,
0.3394

 24.0906, 0.3207,
0.3511

273.2781, 0.3163,
0.3387

 15.4008, 0.3219,
0.3547

327.0106, 0.3161,
0.3381

 9.1012, 0.3236,
0.3598

387.3615, 0.3159,

 4.8072, 0.3261,

0.3376

0.3673

454.7152, 0.3158,
0.3372

■ 2.1346, 0.3299,
0.3797

■ 0.6840, 0.3554,
0.4418

■ 90.4385, 0.3179,
0.3431

■ 90.4385, 0.3179,
0.3431

■ 87.6382, 0.3271,
0.3692

■ 93.4149, 0.3098,
0.3203

■ 85.0944, 0.3361,
0.3968

■ 94.3950, 0.3131,
0.3204

■ 82.8015, 0.3445,
0.4251

■ 80.7490, 0.3520,
0.4533

■ 78.9256, 0.3579,
0.4803

■ 77.3191, 0.3618,
0.5046

■ 75.9154, 0.3634,
0.5251

■ 74.6986, 0.3624,
0.5407

■ 73.6491, 0.3590,
0.5512

Harmonies

Analogous

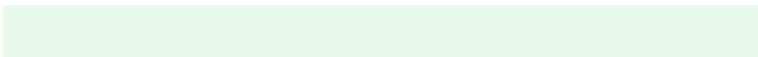
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4385, 0.3249, 0.3429



90.4385, 0.3179, 0.3431



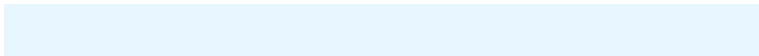
90.4385, 0.3095, 0.3394

Triad

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



90.4385, 0.3179, 0.3431



90.4385, 0.2970, 0.3189



90.4385, 0.3234, 0.3251

Complementary

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



90.4385, 0.3179, 0.3431



82.3462, 0.3073, 0.3148

Split Complementary

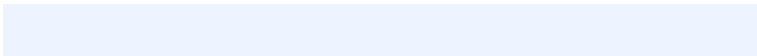
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4385, 0.3158, 0.3189



90.4385, 0.3179, 0.3431



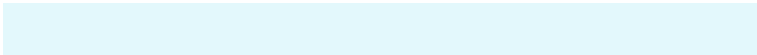
90.4385, 0.3006, 0.3153

Square

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



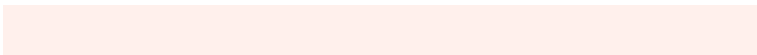
90.4385, 0.3179, 0.3431



90.4385, 0.2975, 0.3253



90.4385, 0.3074, 0.3154



90.4385, 0.3282, 0.3324

Rectangle

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



90.4385, 0.3179, 0.3431



90.4385, 0.3043, 0.3353



90.4385, 0.3074, 0.3154



90.4385, 0.3211, 0.3229

Sweetspot

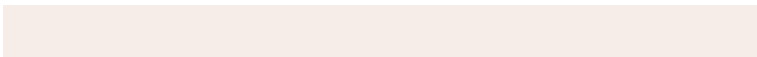
The Sweet Spot groups the original color and five complimentary colors.



90.4424, 0.3179, 0.3431



99.3335, 0.3145, 0.3339



85.9173, 0.3219, 0.3340



21.2685, 0.3144, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

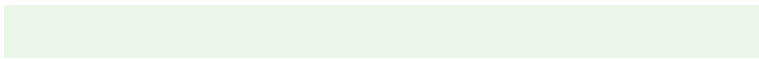
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4424, 0.3179, 0.3431



97.7191, 0.3191, 0.3464



89.2440, 0.3134, 0.3433



19.1171, 0.3196, 0.3479



39.1709, 0.3581, 0.5538



3.5002, 0.3658, 0.5477

Inverse Universe

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



82.3462, 0.3073, 0.3148



87.0186, 0.3060, 0.3114



83.5639, 0.3120, 0.3150



16.8572, 0.3054, 0.3099



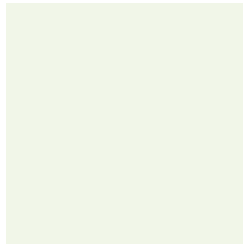
4.7166, 0.1776, 0.0752



0.4700, 0.1913, 0.0827

Previews

White Background



This preview shows how the Yxy color 90.4385, 0.3179, 0.3431 looks on a white background.

Color Contrast Check

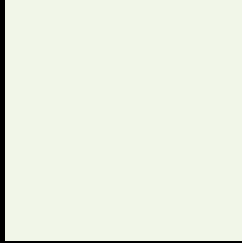
Large Text (above 18pt) WCAG AA × Fail

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 90.4385, 0.3179, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

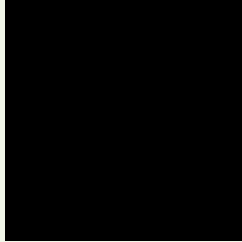
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

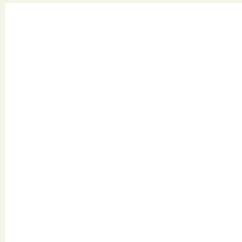
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4385, 0.3179, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 90.4385, 0.3179, 0.3431.

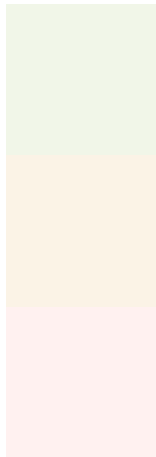


This preview shows how white text looks on a background with the Yxy color 90.4385, 0.3179, 0.3431.

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

90.4385, 0.3179, 0.3431

Protanopia

90.3236, 0.3260, 0.3419

Deuteranopia

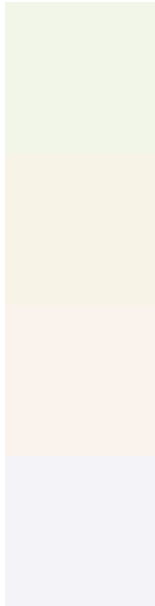
90.4619, 0.3226, 0.3300



Tritanopia

90.1367, 0.3069, 0.3163

Trichromacy



Original Color

90.4385, 0.3179, 0.3431

Protanomaly

90.2450, 0.3226, 0.3420

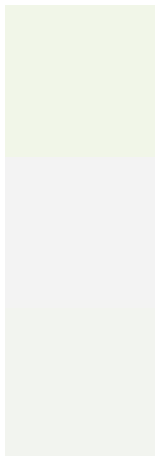
Deuteranomaly

90.5396, 0.3210, 0.3349

Tritanomaly

90.0497, 0.3110, 0.3250

Monochromacy



Original Color

90.4385, 0.3179, 0.3431

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8106, 0.3144, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4385, 0.3179, 0.3431 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(241, 246, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 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(241, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 232) }
```

Border

The CSS property to change the border of an element to Yxy 90.4385, 0.3179, 0.3431 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(241, 246, 232) }
```

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

```
.border{ border-color:rgb(241, 246, 232) }
```

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

Here you see how a box with a 4 pixel rgb(241, 246, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4385, 0.3179, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 232) }
```

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

```
.background{ background-color: rgb(241,  
246, 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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