

Converting Colors

$Yxy(90.6303, 0.3187, 0.3513)$

Have a look what the booklet for
Yxy(90.6303, 0.3187, 0.3513)
contains.

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Color

Yxy(90.6303, 0.3187, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	EDF8E2
RGB	237, 248, 226
RGB Percent	93%, 97%, 89%
CMY	0.0706, 0.0274, 0.1136
CMYK	0.04, 0.00, 0.09, 0.03
HSL	90°, 61%, 93%
HSV	90°, 9%, 97%
XYZ	82.2200, 90.6303, 85.1352
YIQ	242.2030, 0.5060, -9.1740

Conversions

Conversions Part 2

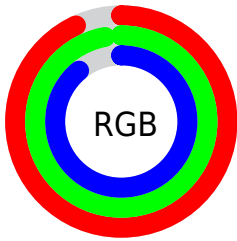
Format	Color
R_{YB}	226, 248, 237
Decimal	15595746
CIE _{Lab}	96.26, -7.46, 9.30
CIE _{LCh}	96, 11.917, 128.737
Yxy	90.6303, 0.3187, 0.3513
Android (android.graphics.Color)	4293785826 (0xFFEDF8E2)
YUV	242.2030, -7.9881, -4.5630
Hunter-Lab	95.1999, -12.4374, 13.6182

Details

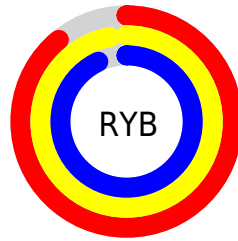
The Yxy color **90.6303, 0.3187, 0.3513** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2034, 0.3063, 0.3067**, and the grayscale version is **89.0289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4633, 0.3196, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **87.3022, 0.3254, 0.3785**, and if you desaturate by 10%, it is **94.3117, 0.3119, 0.3263**.

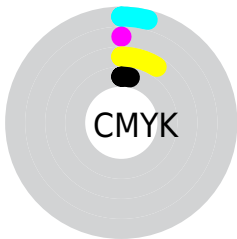
Distribution



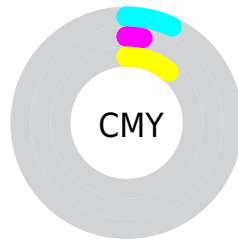
- Red (93%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)




- Cyan (7%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6303, 0.3187, 0.3513 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 90.6303, 0.3187, 0.3513 by changing the saturation by 10% instead.


 90.6303, 0.3187,
0.3513

 90.6303, 0.3187,
0.3513

530.0791, 0.3161,
0.3413

 68.5035, 0.3193,
0.3535


148.2136, 0.3178,
0.3479

 50.3075, 0.3199,
0.3563


184.4389, 0.3175,
0.3465

 35.6578, 0.3207,
0.3597


226.1325, 0.3172,
0.3453

 24.1700, 0.3218,
0.3641

273.6789, 0.3169,
0.3443

 15.4598, 0.3231,
0.3699

327.4623, 0.3167,
0.3434

 9.1427, 0.3249,
0.3781

387.8672, 0.3165,

 4.8344, 0.3273,

0.3426

0.3904

455.2780, 0.3163,
0.3419

■ 2.1504, 0.3309,
0.4107

■ 0.6928, 0.3741,
0.5439

■ 90.6303, 0.3187,
0.3513

■ 90.6303, 0.3187,
0.3513

■ 87.3022, 0.3254,
0.3785

■ 94.3117, 0.3119,
0.3263

■ 84.3042, 0.3317,
0.4075

■ 95.6190, 0.3130,
0.3223

■ 81.6281, 0.3374,
0.4376

■ 79.2611, 0.3419,
0.4677

■ 77.1891, 0.3448,
0.4966

■ 75.3967, 0.3458,
0.5226

■ 73.8669, 0.3445,
0.5443

■ 72.5799, 0.3411,
0.5604

■ 71.5081, 0.3358,
0.5710

Harmonies

Analogous

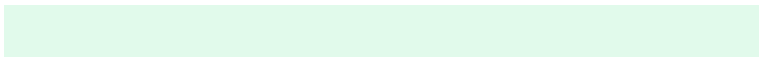
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6303, 0.3307, 0.3519



90.6303, 0.3187, 0.3513



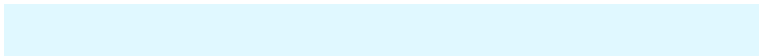
90.6303, 0.3053, 0.3443

Triad

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



90.6303, 0.3187, 0.3513



90.6303, 0.2880, 0.3113



90.6303, 0.3317, 0.3247

Complementary

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



90.6303, 0.3187, 0.3513



79.2034, 0.3063, 0.3067

Split Complementary

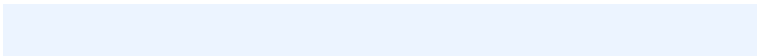
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6303, 0.3199, 0.3144



90.6303, 0.3187, 0.3513



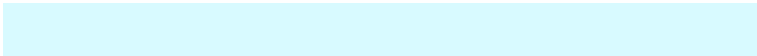
90.6303, 0.2947, 0.3066

Square

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



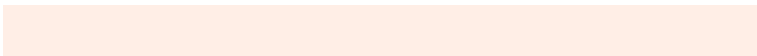
90.6303, 0.3187, 0.3513



90.6303, 0.2878, 0.3209



90.6303, 0.3063, 0.3078



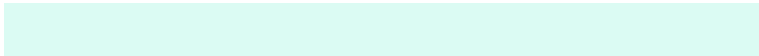
90.6303, 0.3384, 0.3362

Rectangle

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



90.6303, 0.3187, 0.3513



90.6303, 0.2973, 0.3371



90.6303, 0.3063, 0.3078



90.6303, 0.3282, 0.3210

Sweetspot

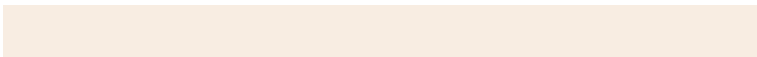
The Sweet Spot groups the original color and five complimentary colors.



90.6342, 0.3187, 0.3513



98.7966, 0.3147, 0.3364



86.0311, 0.3270, 0.3401



21.0789, 0.3153, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

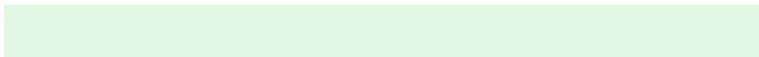
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6342, 0.3187, 0.3513



95.7520, 0.3202, 0.3570



88.8063, 0.3116, 0.3518



19.7341, 0.3191, 0.3530



38.6490, 0.3363, 0.5712



3.6426, 0.3453, 0.5641

Inverse Universe

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



79.2034, 0.3063, 0.3067



80.8348, 0.3046, 0.3010



81.1471, 0.3137, 0.3072



17.0707, 0.3058, 0.3050



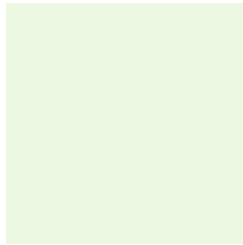
6.0749, 0.2025, 0.0889



0.6257, 0.2153, 0.0960

Previews

White Background



This preview shows how the Yxy color 90.6303, 0.3187, 0.3513 looks on a white background.

Color Contrast Check

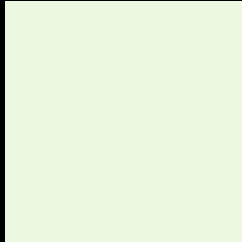
Large Text (above 18pt) WCAG AA × Fail

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 90.6303, 0.3187, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

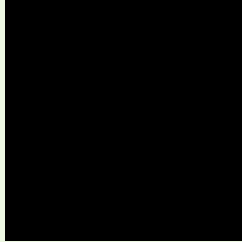
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

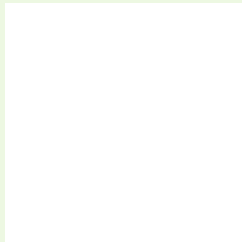
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6303, 0.3187, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 90.6303, 0.3187, 0.3513.

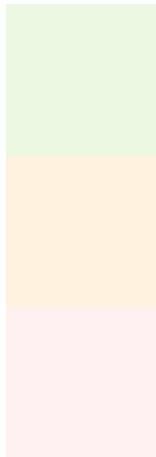


This preview shows how white text looks on a background with the Yxy color 90.6303, 0.3187, 0.3513.

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

90.6303, 0.3187, 0.3513

Protanopia

90.3115, 0.3317, 0.3488

Deuteranopia

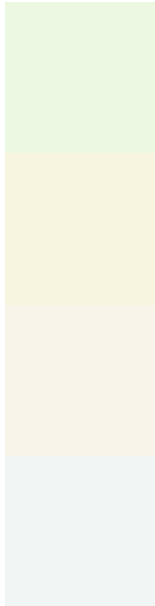
90.4026, 0.3232, 0.3310



Tritanopia

90.3759, 0.3056, 0.3172

Trichromacy



Original Color

90.6303, 0.3187, 0.3513

Protanomaly

90.4608, 0.3268, 0.3500

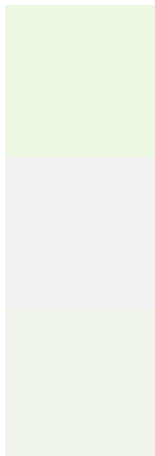
Deuteranomaly

90.5983, 0.3214, 0.3389

Tritanomaly

90.5372, 0.3107, 0.3300

Monochromacy



Original Color

90.6303, 0.3187, 0.3513

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.2828, 0.3149, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6303, 0.3187, 0.3513 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(237, 248, 226)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 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(237, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 226) }
```

Border

The CSS property to change the border of an element to Yxy 90.6303, 0.3187, 0.3513 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(237, 248, 226) }
```

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

```
.border{ border-color:rgb(237, 248, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 248, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(237, 248,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6303, 0.3187, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 226) }
```

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

```
.background{ background-color: rgb(237,  
248, 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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