

Converting Colors

$Yxy(90.2375, 0.3158, 0.3390)$

Have a look what the booklet for
Yxy(90.2375, 0.3158, 0.3390)
contains.

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Color

Yxy(90.0037, 0.3161, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	F1F5EB
RGB	241, 245, 235
RGB Percent	95%, 96%, 92%
CMY	0.0549, 0.0392, 0.0783
CMYK	0.02, 0.00, 0.04, 0.04
HSL	84°, 33%, 94%
HSV	84°, 4%, 96%
XYZ	83.9238, 90.0037, 91.5701
YIQ	242.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

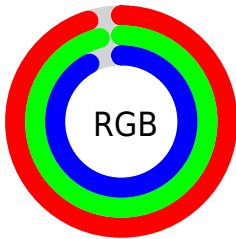
Format	Color
R _Y B	235, 245, 239
Decimal	15857131
CIE Lab	96.00, -3.07, 4.32
CIE LCh	96, 5.299, 125.416
Yxy	90.0037, 0.3161, 0.3390
Android (android.graphics.Color)	4294047211 (0xFFFF1F5EB)
YUV	242.6640, -3.7784, -1.4593
Hunter-Lab	94.8703, -8.1190, 9.1816

Details

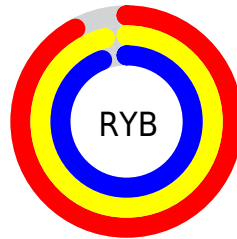
The Yxy color **90.0037, 0.3161, 0.3390** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3881, 0.3092, 0.3190**, and the grayscale version is **89.3795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9642, 0.3171, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **86.9972, 0.3245, 0.3650**, and if you desaturate by 10%, it is **93.0117, 0.3105, 0.3194**.

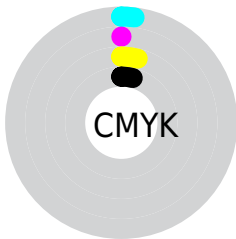
Distribution



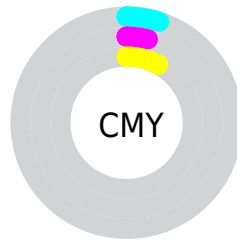
- Red (95%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0037, 0.3161, 0.3390 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 90.0037, 0.3161, 0.3390 by changing the saturation by 10% instead.

 90.0037, 0.3161,
0.3390

 90.0037, 0.3161,
0.3390


528.0429, 0.3146,
0.3345

 67.9837, 0.3164,
0.3400


147.3435, 0.3156,
0.3375

 49.8845, 0.3168,
0.3412


183.4322, 0.3154,
0.3369

 35.3216, 0.3173,
0.3427

224.9791, 0.3152,
0.3364

 23.9107, 0.3179,
0.3446

272.3688, 0.3151,
0.3359

 15.2674, 0.3188,
0.3472

325.9857, 0.3149,
0.3355

 9.0073, 0.3199,
0.3508

386.2140, 0.3148,

 4.7459, 0.3215,

0.3351

453.4383, 0.3147,
0.3348

0.3561

■ 2.0990, 0.3241,
0.3648

■ 0.6640, 0.3389,
0.4046

■ 90.0037, 0.3161,
0.3390

■ 90.0037, 0.3161,
0.3390

■ 86.9972, 0.3245,
0.3650

■ 93.0117, 0.3105,
0.3194

■ 84.2665, 0.3327,
0.3926

■ 93.7887, 0.3132,
0.3194

■ 81.8057, 0.3404,
0.4213

■ 79.6039, 0.3472,
0.4502

■ 77.6499, 0.3526,
0.4783

■ 75.9308, 0.3561,
0.5040

■ 74.4328, 0.3574,
0.5261

■ 73.1399, 0.3561,
0.5435

■ 72.0327, 0.3525,
0.5555

Harmonies

Analogous

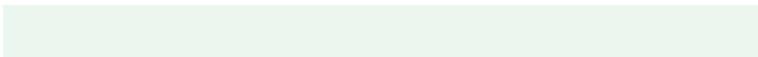
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0037, 0.3212, 0.3390



90.0037, 0.3161, 0.3390



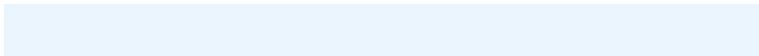
90.0037, 0.3101, 0.3362

Triad

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



90.0037, 0.3161, 0.3390



90.0037, 0.3015, 0.3216



90.0037, 0.3207, 0.3265

Complementary

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



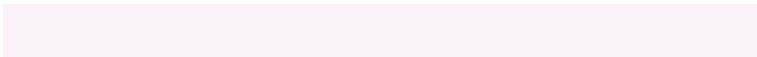
90.0037, 0.3161, 0.3390



84.3881, 0.3092, 0.3190

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.



90.0037, 0.3153, 0.3220



90.0037, 0.3161, 0.3390



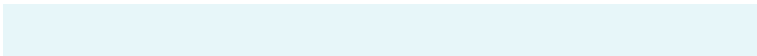
90.0037, 0.3042, 0.3191

Square

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



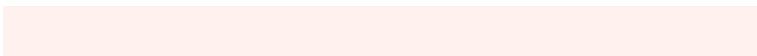
90.0037, 0.3161, 0.3390



90.0037, 0.3017, 0.3261



90.0037, 0.3093, 0.3193



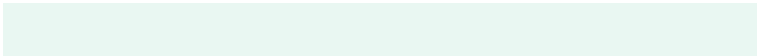
90.0037, 0.3239, 0.3318

Rectangle

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



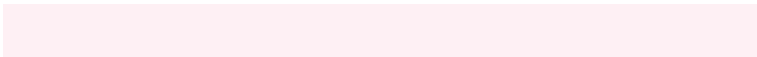
90.0037, 0.3161, 0.3390



90.0037, 0.3064, 0.3332



90.0037, 0.3093, 0.3193



90.0037, 0.3190, 0.3249

Sweetspot

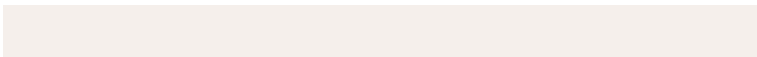
The Sweet Spot groups the original color and five complimentary colors.



90.0076, 0.3161, 0.3390



99.6425, 0.3135, 0.3314



87.1598, 0.3191, 0.3330



21.3314, 0.3135, 0.3313



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.



90.0076, 0.3161, 0.3390



98.2447, 0.3169, 0.3414



89.1469, 0.3129, 0.3391



19.2099, 0.3175, 0.3431



38.5710, 0.3507, 0.5597



3.4498, 0.3591, 0.5531

Inverse Universe

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



84.3881, 0.3092, 0.3190



90.7176, 0.3084, 0.3166



85.2633, 0.3125, 0.3191



17.5419, 0.3078, 0.3149



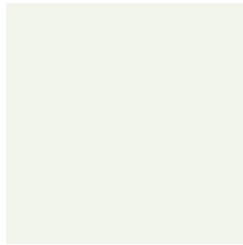
5.0470, 0.1849, 0.0792



0.5018, 0.1988, 0.0869

Previews

White Background



This preview shows how the Yxy color 90.0037, 0.3161, 0.3390 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 90.0037, 0.3161, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

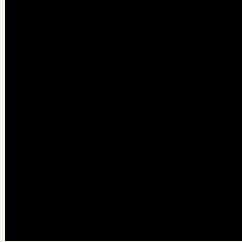
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

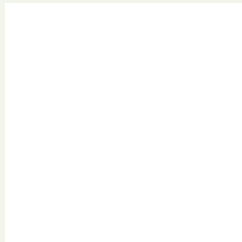
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0037, 0.3161, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 90.0037, 0.3161, 0.3390.

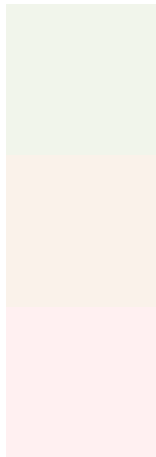


This preview shows how white text looks on a background with the Yxy color 90.0037, 0.3161, 0.3390.

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

90.0037, 0.3161, 0.3390

Protanopia

89.7688, 0.3229, 0.3369

Deuteranopia

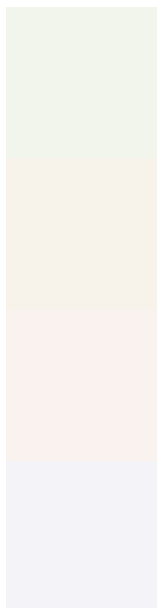
89.9311, 0.3220, 0.3281



Tritanopia

89.9574, 0.3062, 0.3163

Trichromacy



Original Color

90.0037, 0.3161, 0.3390

Protanomaly

89.8159, 0.3208, 0.3380

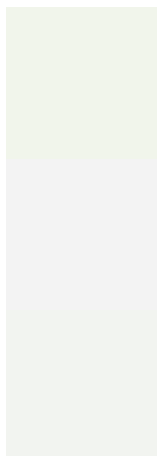
Deuteranomaly

90.0602, 0.3198, 0.3320

Tritanomaly

89.9332, 0.3097, 0.3241

Monochromacy



Original Color

90.0037, 0.3161, 0.3390

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8699, 0.3138, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0037, 0.3161, 0.3390 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, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 235)  
}
```

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, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 235) }
```

Border

The CSS property to change the border of an element to Yxy 90.0037, 0.3161, 0.3390 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, 245, 235) }
```

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

```
.border{ border-color:rgb(241, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0037, 0.3161, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 245, 235) }
```

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

```
.background{ background-color: rgb(241,  
245, 235) }
```

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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