

Converting Colors

$Y_{xy}(92.1521, 0.3159, 0.3379)$

Have a look what the booklet for
Yxy(92.1521, 0.3159, 0.3379)
contains.

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Color

Yxy(91.9277, 0.3161, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	F4F7EE
RGB	244, 247, 238
RGB Percent	96%, 97%, 93%
CMY	0.0433, 0.0313, 0.0665
CMYK	0.01, 0.00, 0.04, 0.03
HSL	80°, 36%, 95%
HSV	80°, 4%, 97%
XYZ	85.9969, 91.9277, 94.1314
YIQ	245.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

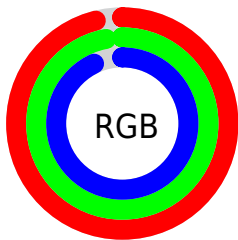
Format	Color
R_{YB}	238, 247, 241
Decimal	16054254
CIE Lab	96.79, -2.57, 3.94
CIE LCh	97, 4.704, 123.099
Yxy	91.9277, 0.3161, 0.3379
Android (android.graphics.Color)	4294244334 (0xFFFF4F7EE)
YUV	245.0770, -3.4890, -0.9445
Hunter-Lab	95.8789, -7.6858, 8.9059

Details

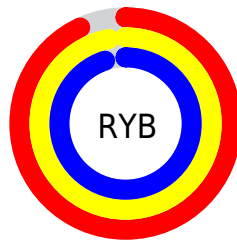
The Yxy color 91.9277, 0.3161, 0.3379 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6065, 0.3092, 0.3201, and the grayscale version is 91.4043, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.3304, 0.3171, 0.3404 is the 20% darker color. If you saturate the color by 10%, you get 89.1103, 0.3255, 0.3636, and if you desaturate by 10%, it is 94.5117, 0.3114, 0.3213.

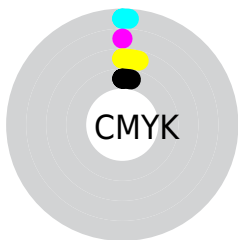
Distribution



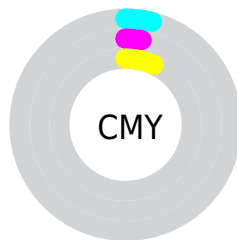
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)




- Cyan (4%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9277, 0.3161, 0.3379 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 91.9277, 0.3161, 0.3379 by changing the saturation by 10% instead.

 91.9277, 0.3161,
0.3379

 91.9277, 0.3161,
0.3379


534.2818, 0.3146,
0.3339

 69.5806, 0.3164,
0.3388


150.0132, 0.3156,
0.3366

 51.1847, 0.3168,
0.3398

186.5203, 0.3154,
0.3360

 36.3556, 0.3173,
0.3412

228.5163, 0.3152,
0.3356

 24.7090, 0.3179,
0.3428

276.3854, 0.3151,
0.3352

 15.8604, 0.3187,
0.3451

330.5122, 0.3149,
0.3348

 9.4254, 0.3199,
0.3482

391.2809, 0.3148,

 5.0197, 0.3215,

0.3345

0.3528

459.0760, 0.3147,
0.3342

■ 2.2588, 0.3240,
0.3602

■ 0.7518, 0.3348,
0.3862

■ 91.9277, 0.3161,
0.3379

■ 91.9277, 0.3161,
0.3379

■ 89.1103, 0.3255,
0.3636

■ 94.5117, 0.3114,
0.3213

■ 86.5477, 0.3348,
0.3909

■ 95.0094, 0.3131,
0.3214

■ 84.2341, 0.3437,
0.4190

■ 82.1594, 0.3517,
0.4471

■ 80.3127, 0.3583,
0.4741

■ 78.6817, 0.3629,
0.4988

■ 77.2530, 0.3653,
0.5199

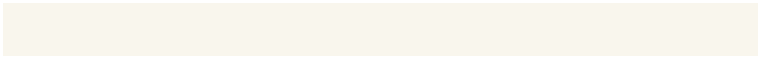
■ 76.0111, 0.3651,
0.5362

■ 74.9373, 0.3624,
0.5475

Harmonies

Analogous

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



91.9277, 0.3205, 0.3377



91.9277, 0.3161, 0.3379



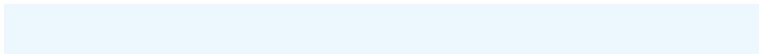
91.9277, 0.3108, 0.3356

Triad

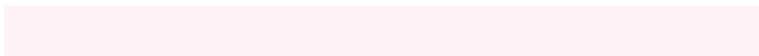
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9277, 0.3161, 0.3379



91.9277, 0.3027, 0.3227



91.9277, 0.3194, 0.3265

Complementary

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



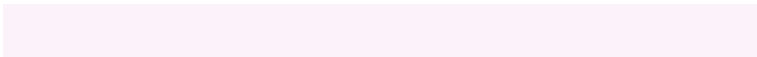
91.9277, 0.3161, 0.3379



86.6065, 0.3092, 0.3201

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.



91.9277, 0.3146, 0.3226



91.9277, 0.3161, 0.3379



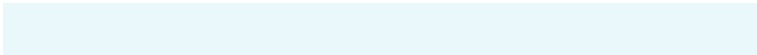
91.9277, 0.3050, 0.3203

Square

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



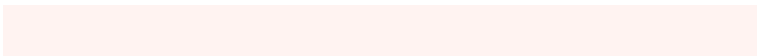
91.9277, 0.3161, 0.3379



91.9277, 0.3031, 0.3268



91.9277, 0.3093, 0.3203



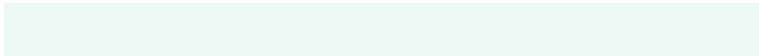
91.9277, 0.3224, 0.3311

Rectangle

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



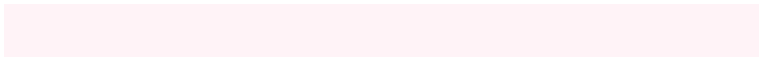
91.9277, 0.3161, 0.3379



91.9277, 0.3075, 0.3330



91.9277, 0.3093, 0.3203



91.9277, 0.3179, 0.3250

Sweetspot

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



91.9317, 0.3161, 0.3379



99.6729, 0.3136, 0.3314



88.8818, 0.3185, 0.3320



21.3375, 0.3136, 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.



91.9317, 0.3161, 0.3379



98.7089, 0.3165, 0.3388



91.1493, 0.3133, 0.3380



19.3010, 0.3171, 0.3407



39.3844, 0.3607, 0.5518



3.5180, 0.3681, 0.5459

Inverse Universe

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



86.6065, 0.3092, 0.3201



92.4090, 0.3089, 0.3191



87.3956, 0.3121, 0.3201



17.8473, 0.3082, 0.3172



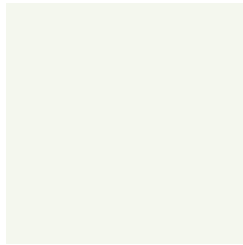
4.6167, 0.1754, 0.0740



0.4601, 0.1889, 0.0814

Previews

White Background



This preview shows how the Yxy color 91.9277, 0.3161, 0.3379 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 91.9277, 0.3161, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

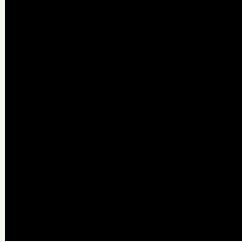
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

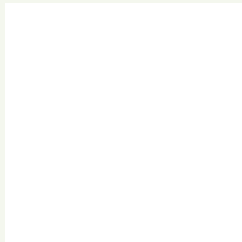
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9277, 0.3161, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 91.9277, 0.3161, 0.3379.

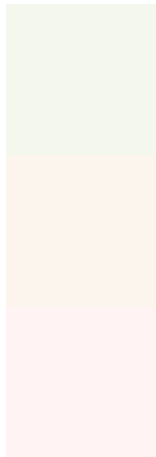


This preview shows how white text looks on a background with the Yxy color 91.9277, 0.3161, 0.3379.

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

91.9277, 0.3161, 0.3379

Protanopia

92.1147, 0.3221, 0.3369

Deuteranopia

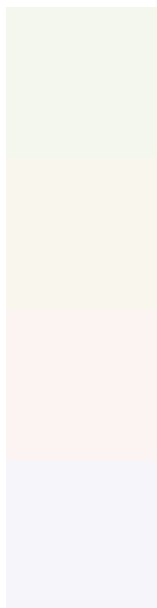
91.8928, 0.3199, 0.3281



Tritanopia

91.6955, 0.3081, 0.3183

Trichromacy



Original Color

91.9277, 0.3161, 0.3379

Protanomaly

92.1657, 0.3201, 0.3379

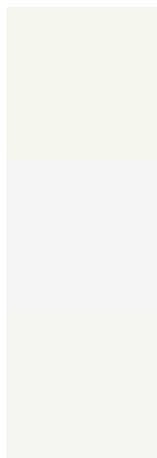
Deuteranomaly

91.6214, 0.3185, 0.3310

Tritanomaly

91.7372, 0.3110, 0.3251

Monochromacy



Original Color

91.9277, 0.3161, 0.3379

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.7348, 0.3145, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9277, 0.3161, 0.3379 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(244, 247, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 238)  
}
```

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(244, 247, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 238) }
```

Border

The CSS property to change the border of an element to Yxy 91.9277, 0.3161, 0.3379 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(244, 247, 238) }
```

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

```
.border{ border-color:rgb(244, 247, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9277, 0.3161, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 238) }
```

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

```
.background{ background-color: rgb(244,  
247, 238) }
```

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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