

Converting Colors

$Yxy(90.8232, 0.3080, 0.3271)$

Have a look what the booklet for
Yxy(90.8232, 0.3080, 0.3271)
contains.

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Color

Yxy(90.5455, 0.3083, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F0F5F7
RGB	240, 245, 247
RGB Percent	94%, 96%, 97%
CMY	0.0590, 0.0392, 0.0313
CMYK	0.03, 0.01, 0.00, 0.03
HSL	197°, 31%, 95%
HSV	197°, 3%, 97%
XYZ	85.3675, 90.5455, 100.9845
YIQ	243.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

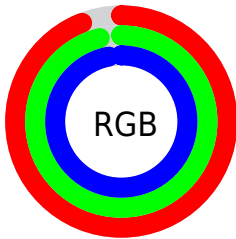
Format	Color
R_{YB}	240, 243, 247
Decimal	15791607
CIE _{Lab}	96.22, -1.30, -1.55
CIE _{LCh}	96, 2.028, 230.050
Yxy	90.5455, 0.3083, 0.3270
Android (android.graphics.Color)	4293981687 (0xFFFF0F5F7)
YUV	243.7330, 1.6106, -3.2738
Hunter-Lab	95.1554, -6.3828, 3.6867

Details

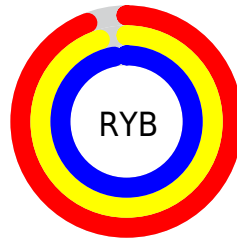
The Yxy color 90.5455, 0.3083, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5465, 0.3172, 0.3310, and the grayscale version is 90.2303, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.3471, 0.3071, 0.3264 is the 20% darker color. If you saturate the color by 10%, you get 82.3608, 0.2928, 0.3195, and if you desaturate by 10%, it is 97.6078, 0.3175, 0.3338.

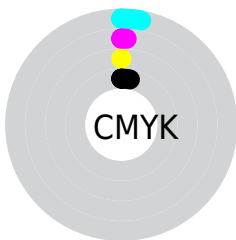
Distribution



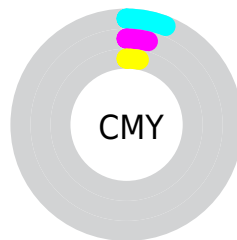
- Red (94%)
- Green (96%)
- Blue (97%)



- Red (94%)
- Yellow (95%)
- Blue (97%)



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





- Cyan (6%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.5455, 0.3083, 0.3270 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 90.5455, 0.3083, 0.3270 by changing the saturation by 10% instead.

 90.5455, 0.3083,
0.3270

 90.5455, 0.3083,
0.3270


529.8037, 0.3103,
0.3279

 68.4332, 0.3079,
0.3268


148.0959, 0.3090,
0.3273

 50.2502, 0.3073,
0.3266

184.3027, 0.3092,
0.3274

 35.6123, 0.3067,
0.3263

225.9765, 0.3095,
0.3275

 24.1349, 0.3059,
0.3259

273.5017, 0.3097,
0.3276

 15.4337, 0.3048,
0.3254

327.2626, 0.3098,
0.3277

 9.1243, 0.3032,
0.3246

387.6436, 0.3100,

 4.8224, 0.3010,

0.3278

0.3236

455.0292, 0.3101,
0.3278

■ 2.1434, 0.2974,
0.3219

■ 0.6889, 0.2870,
0.3174

■ 90.5455, 0.3083,
0.3270

■ 90.5455, 0.3083,
0.3270

■ 82.3608, 0.2928,
0.3195

■ 97.6078, 0.3175,
0.3338

■ 74.8955, 0.2774,
0.3113

■ 99.4964, 0.3173,
0.3366

■ 68.1266, 0.2625,
0.3024

■ 62.0251, 0.2484,
0.2928

■ 56.5598, 0.2354,
0.2826

■ 51.6963, 0.2239,
0.2721

■ 47.3962, 0.2142,
0.2613

■ 43.6156, 0.2065,
0.2505

■ 40.3013, 0.2009,
0.2398

Harmonies

Analogous

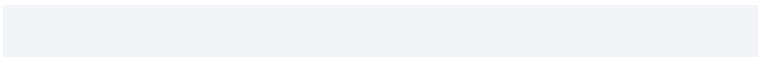
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5455, 0.3090, 0.3290



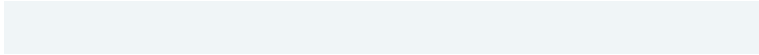
90.5455, 0.3083, 0.3270



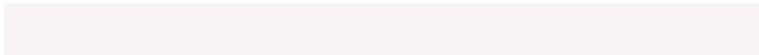
90.5455, 0.3088, 0.3256

Triad

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



90.5455, 0.3083, 0.3270



90.5455, 0.3148, 0.3271



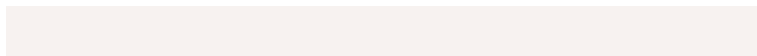
90.5455, 0.3151, 0.3330

Complementary

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



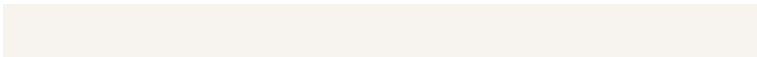
90.5455, 0.3083, 0.3270



89.5465, 0.3172, 0.3310

Split Complementary

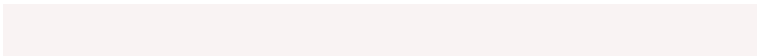
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5455, 0.3167, 0.3324



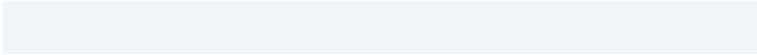
90.5455, 0.3083, 0.3270



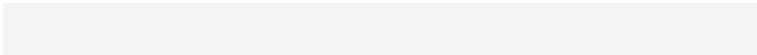
90.5455, 0.3165, 0.3291

Square

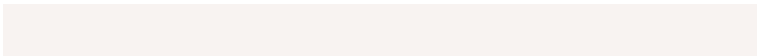
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.5455, 0.3083, 0.3270



90.5455, 0.3125, 0.3257



90.5455, 0.3172, 0.3310



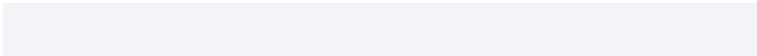
90.5455, 0.3129, 0.3324

Rectangle

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



90.5455, 0.3083, 0.3270



90.5455, 0.3097, 0.3252



90.5455, 0.3172, 0.3310



90.5455, 0.3157, 0.3329

Sweetspot

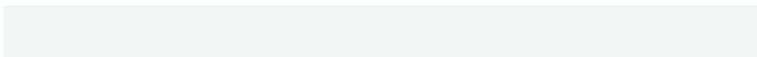
The Sweet Spot groups the original color and five complimentary colors.



90.5494, 0.3083, 0.3270



99.0593, 0.3112, 0.3283



91.4578, 0.3112, 0.3340



21.2127, 0.3112, 0.3283



0.0000, 0.0000, 0.0000



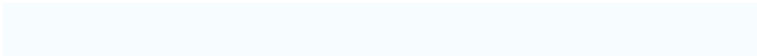
21.4041, 0.3127, 0.3290

Same Dimension

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



90.5494, 0.3083, 0.3270



97.2023, 0.3081, 0.3269



88.4355, 0.3084, 0.3235



18.9098, 0.3068, 0.3263



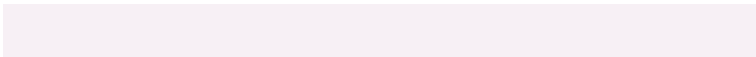
20.4343, 0.1983, 0.2340



1.9700, 0.2020, 0.2473

Inverse Universe

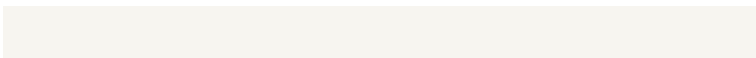
The Inverse Universe completely reimagines the original color for something new.



88.6677, 0.3143, 0.3240



95.0769, 0.3143, 0.3238



91.6658, 0.3170, 0.3345



18.3880, 0.3148, 0.3224



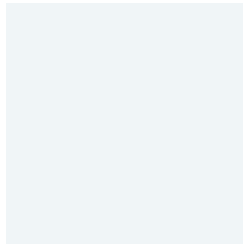
12.1622, 0.4085, 0.2024



1.0865, 0.3949, 0.1949

Previews

White Background



This preview shows how the Yxy color 90.5455, 0.3083, 0.3270 looks on a white background.

Color Contrast Check

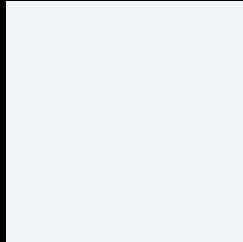
Large Text (above 18pt) WCAG AA × Fail

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 90.5455, 0.3083, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

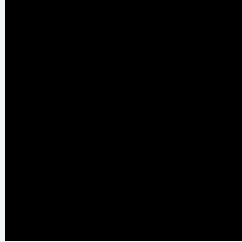
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

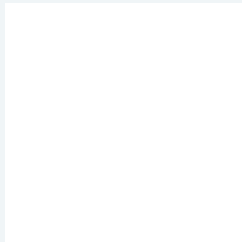
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.5455, 0.3083, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 90.5455, 0.3083, 0.3270.

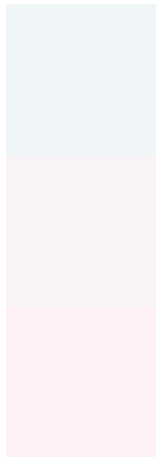


This preview shows how white text looks on a background with the Yxy color 90.5455, 0.3083, 0.3270.

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

90.5455, 0.3083, 0.3270

Protanopia

90.7115, 0.3142, 0.3261

Deuteranopia

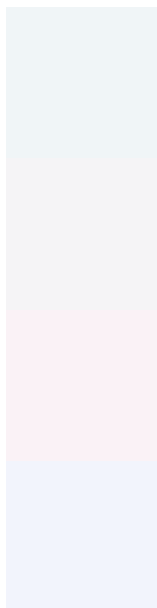
90.2340, 0.3189, 0.3232



Tritanopia

90.3759, 0.3056, 0.3172

Trichromacy



Original Color

90.5455, 0.3083, 0.3270

Protanomaly

90.7677, 0.3122, 0.3270

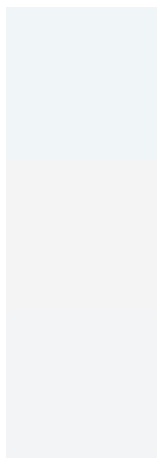
Deuteranomaly

90.4821, 0.3155, 0.3251

Tritanomaly

90.6069, 0.3067, 0.3211

Monochromacy



Original Color

90.5455, 0.3083, 0.3270

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.3486, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5455, 0.3083, 0.3270 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(240, 245, 247) looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 247)  
}
```

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(240, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 247) }
```

Border

The CSS property to change the border of an element to Yxy 90.5455, 0.3083, 0.3270 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(240, 245, 247) }
```

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

```
.border{ border-color:rgb(240, 245, 247) }
```

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

Here you see how a box with a 4 pixel rgb(240, 245, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5455, 0.3083, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 247) }
```

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

```
.background{ background-color: rgb(240,  
245, 247) }
```

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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