

Converting Colors

Yxy(89.8714, 0.3045, 0.3166)

Have a look what the booklet for
Yxy(89.8714, 0.3045, 0.3166)
contains.

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Color

Yxy(90.0220, 0.3043, 0.3172)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1F3FF |
| RGB | 241, 243, 255 |
| RGB Percent | 95%, 95%, 100% |
| CMY | 0.0551, 0.0470, 0.0001 |
| CMYK | 0.06, 0.05, 0.00, 0.00 |
| HSL | 231°, 100%, 97% |
| HSV | 231°, 6%, 100% |
| XYZ | 86.3610, 90.0220, 107.4191 |
| YIQ | 243.7700, -5.0440, 3.3080 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 241, 243, 255 |
| Decimal | 15856639 |
| CIE Lab | 96.01, 1.50, -5.99 |
| CIE LCh | 96, 6.170, 284.030 |
| Yxy | 90.0220, 0.3043, 0.3172 |
| Android (android.graphics.Color) | 4294046719 (0xFFFF1F3FF) |
| YUV | 243.7700, 5.5364, -2.4293 |
| Hunter-Lab | 94.8799, -3.5668, -0.7097 |

Details

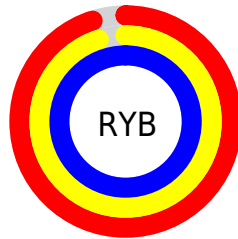
The Yxy color **90.0220, 0.3043, 0.3172** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97.8008, 0.3210, 0.3405**, and the grayscale version is **90.2280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9322, 0.3028, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **73.6011, 0.2877, 0.2935**, and if you desaturate by 10%, it is **99.9991, 0.3127, 0.3290**.

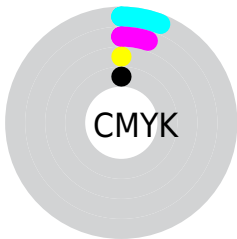
Distribution



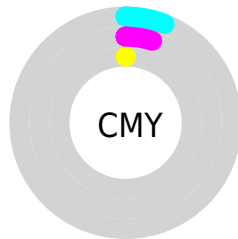
- Red (95%)
- Green (95%)
- Blue (100%)



- Red (95%)
- Yellow (95%)
- Blue (100%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0220, 0.3043, 0.3172 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 90.0220, 0.3043, 0.3172 by changing the saturation by 10% instead.


 90.0220, 0.3043,
0.3172

 90.0220, 0.3043,
0.3172


528.1024, 0.3081,
0.3224

 67.9989, 0.3035,
0.3161


147.3690, 0.3056,
0.3190

 49.8968, 0.3025,
0.3147


183.4616, 0.3061,
0.3197

 35.3314, 0.3012,
0.3129


225.0128, 0.3065,
0.3203

 23.9183, 0.2996,
0.3107

272.4071, 0.3069,
0.3208

 15.2730, 0.2975,
0.3078

326.0288, 0.3072,
0.3213

 9.0112, 0.2946,
0.3038

386.2624, 0.3075,

 4.7485, 0.2903,

0.3217

0.2980

453.4921, 0.3078,
0.3221

■ 2.1005, 0.2833,
0.2886

■ 0.6649, 0.2688,
0.2673

■ 90.0220, 0.3043,
0.3172

■ 90.0220, 0.3043,
0.3172

■ 73.6011, 0.2877,
0.2935

99.9991, 0.3127,
0.3290

■ 59.2644, 0.2695,
0.2670

■ 46.9317, 0.2500,
0.2378

■ 36.5128, 0.2298,
0.2067

■ 27.9106, 0.2098,
0.1749

■ 21.0196, 0.1911,
0.1438

■ 15.7229, 0.1751,
0.1157

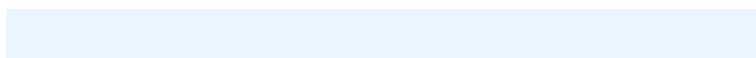
■ 11.8883, 0.1629,
0.0924

■ 9.3613, 0.1551,
0.0755

Harmonies

Analogous

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



90.0220, 0.3002, 0.3192



90.0220, 0.3043, 0.3172



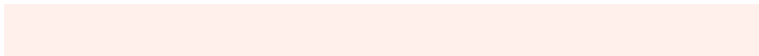
90.0220, 0.3107, 0.3183

Triad

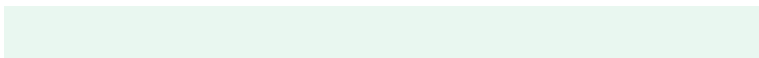
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0220, 0.3043, 0.3172



90.0220, 0.3262, 0.3339



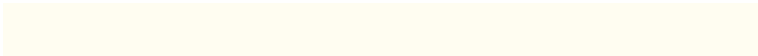
90.0220, 0.3077, 0.3360

Complementary

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



90.0220, 0.3043, 0.3172



97.8008, 0.3210, 0.3405

Split Complementary

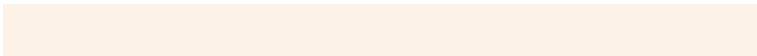
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0220, 0.3147, 0.3400



90.0220, 0.3043, 0.3172



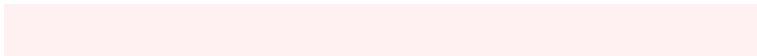
90.0220, 0.3254, 0.3387

Square

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



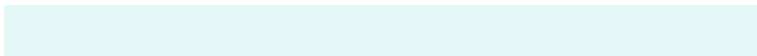
90.0220, 0.3043, 0.3172



90.0220, 0.3234, 0.3279



90.0220, 0.3211, 0.3410



90.0220, 0.3022, 0.3300

Rectangle

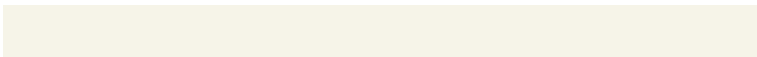
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



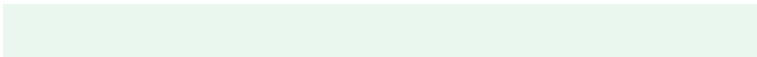
90.0220, 0.3043, 0.3172



90.0220, 0.3154, 0.3206



90.0220, 0.3211, 0.3410



90.0220, 0.3100, 0.3376

Sweetspot

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



90.0258, 0.3043, 0.3172



96.3035, 0.3097, 0.3248



97.2874, 0.3053, 0.3310



20.6517, 0.3099, 0.3250



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.



90.0258, 0.3043, 0.3172



87.4450, 0.3019, 0.3139



89.6677, 0.3075, 0.3153



18.4958, 0.3010, 0.3125



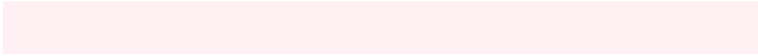
4.6150, 0.1533, 0.0718



0.5717, 0.1579, 0.0885

Inverse Universe

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



90.6105, 0.3207, 0.3270



88.1939, 0.3230, 0.3265



98.1967, 0.3178, 0.3426



18.6704, 0.3240, 0.3262



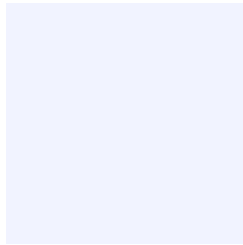
11.1939, 0.6203, 0.3191



1.1023, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 90.0220, 0.3043, 0.3172 looks on a white background.

Color Contrast Check

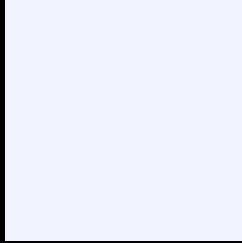
Large Text (above 18pt) WCAG AA × Fail

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 90.0220, 0.3043, 0.3172 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 90.0220, 0.3043, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 90.0220, 0.3043, 0.3172.



This preview shows how white text looks on a background with the Yxy color 90.0220, 0.3043, 0.3172.

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

90.0220, 0.3043, 0.3172

Protanopia

89.8931, 0.3068, 0.3172

Deuteranopia

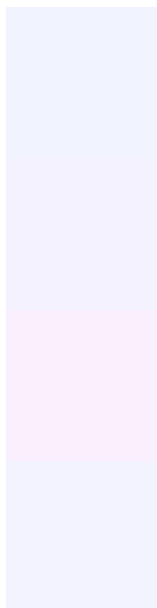
90.0213, 0.3153, 0.3165



Tritanopia

90.1984, 0.3050, 0.3172

Trichromacy



Original Color

90.0220, 0.3043, 0.3172

Protanomaly

89.7147, 0.3062, 0.3172

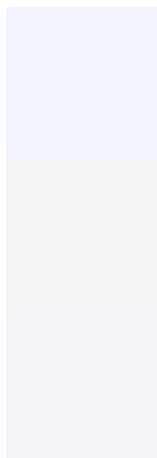
Deuteranomaly

89.7360, 0.3114, 0.3164

Tritanomaly

90.1984, 0.3050, 0.3172

Monochromacy



Original Color

90.0220, 0.3043, 0.3172

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5334, 0.3097, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0220, 0.3043, 0.3172 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 255)  
}
```

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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 255) }
```

Border

The CSS property to change the border of an element to Yxy 90.0220, 0.3043, 0.3172 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, 243, 255) }
```

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

```
.border{ border-color:rgb(241, 243, 255) }
```

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

Here you see how a box with a 4 pixel rgb(241, 243, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0220, 0.3043, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 255) }
```

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

```
.background{ background-color: rgb(241,  
243, 255) }
```

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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