

Converting Colors

$Y_{xy}(92.2212, 0.3051, 0.3204)$

Have a look what the booklet for
Yxy(92.2212, 0.3051, 0.3204)
contains.

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Color

Yxy(92.0088, 0.3049, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	F2F6FF
RGB	242, 246, 255
RGB Percent	95%, 96%, 100%
CMY	0.0511, 0.0352, 0.0001
CMYK	0.05, 0.04, 0.00, 0.00
HSL	221°, 100%, 97%
HSV	221°, 5%, 100%
XYZ	87.6124, 92.0088, 107.7267
YIQ	245.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

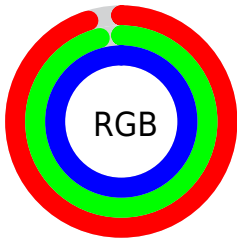
Format	Color
R _Y B	242, 245, 255
Decimal	15922943
CIE Lab	96.82, 0.30, -4.77
CIE LCh	97, 4.775, 273.576
Yxy	92.0088, 0.3049, 0.3202
Android (android.graphics.Color)	4294113023 (0xFFFF2F6FF)
YUV	245.8300, 4.5208, -3.3589
Hunter-Lab	95.9212, -4.8241, 0.5577

Details

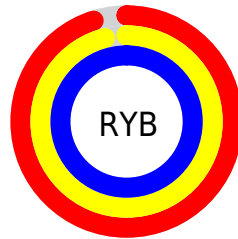
The Yxy color 92.0088, 0.3049, 0.3202 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.6137, 0.3206, 0.3376, and the grayscale version is 91.9787, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.3432, 0.3035, 0.3190 is the 20% darker color. If you saturate the color by 10%, you get 77.6268, 0.2887, 0.3013, and if you desaturate by 10%, it is 99.9984, 0.3127, 0.3290.

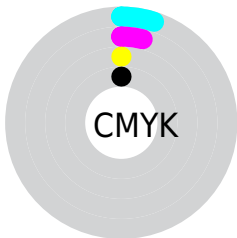
Distribution



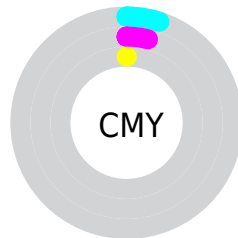
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0088, 0.3049, 0.3202 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 92.0088, 0.3049, 0.3202 by changing the saturation by 10% instead.


 92.0088, 0.3049,
0.3202

 92.0088, 0.3049,
0.3202


534.5440, 0.3084,
0.3241

 69.6479, 0.3041,
0.3193

150.1256, 0.3061,
0.3215

 51.2396, 0.3032,
0.3183


186.6503, 0.3065,
0.3220

 36.3993, 0.3021,
0.3170


228.6651, 0.3069,
0.3225

 24.7427, 0.3006,
0.3154

276.5544, 0.3073,
0.3229

 15.8855, 0.2987,
0.3132

330.7025, 0.3076,
0.3233

 9.4432, 0.2961,
0.3103

391.4939, 0.3079,

 5.0314, 0.2922,

0.3236

0.3059

459.3129, 0.3081,
0.3239

■ 2.2657, 0.2860,
0.2990

■ 0.7554, 0.2738,
0.2851

■ 92.0088, 0.3049,
0.3202

■ 92.0088, 0.3049,
0.3202

■ 77.6268, 0.2887,
0.3013

99.9984, 0.3127,
0.3290

■ 64.8263, 0.2714,
0.2801

■ 53.5545, 0.2533,
0.2569

■ 43.7510, 0.2349,
0.2318

■ 35.3512, 0.2168,
0.2054

■ 28.2852, 0.1999,
0.1787

■ 22.4762, 0.1849,
0.1527

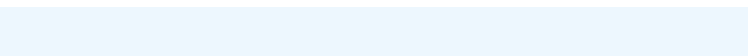
■ 17.8384, 0.1728,
0.1287

■ 14.2715, 0.1641,
0.1080

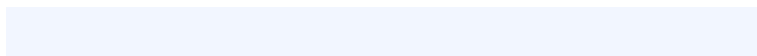
Harmonies

Analogous

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



92.0088, 0.3026, 0.3226



92.0088, 0.3049, 0.3202



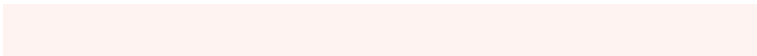
92.0088, 0.3093, 0.3202

Triad

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



92.0088, 0.3049, 0.3202



92.0088, 0.3226, 0.3312



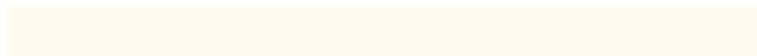
92.0088, 0.3107, 0.3357

Complementary

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



92.0088, 0.3049, 0.3202



96.6137, 0.3206, 0.3376

Split Complementary

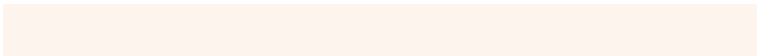
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0088, 0.3161, 0.3380



92.0088, 0.3049, 0.3202



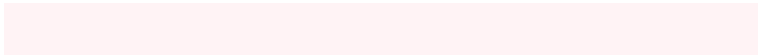
92.0088, 0.3230, 0.3354

Square

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



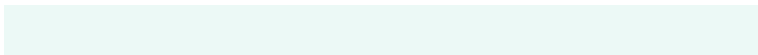
92.0088, 0.3049, 0.3202



92.0088, 0.3196, 0.3265



92.0088, 0.3206, 0.3379



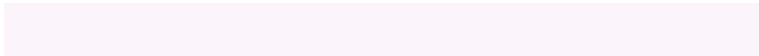
92.0088, 0.3059, 0.3315

Rectangle

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



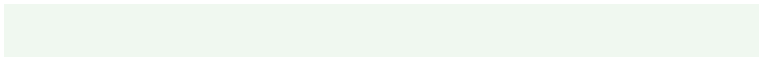
92.0088, 0.3049, 0.3202



92.0088, 0.3129, 0.3215



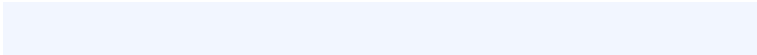
92.0088, 0.3206, 0.3379



92.0088, 0.3125, 0.3367

Sweetspot

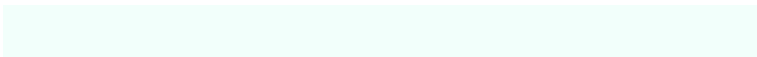
The Sweet Spot groups the original color and five complimentary colors.



92.0127, 0.3049, 0.3202



96.8246, 0.3097, 0.3256



97.3319, 0.3071, 0.3330



20.7578, 0.3098, 0.3258



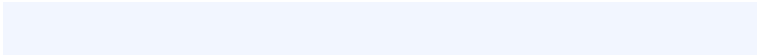
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



92.0127, 0.3049, 0.3202



90.6720, 0.3035, 0.3186



90.0020, 0.3065, 0.3163



19.1979, 0.3025, 0.3174



6.9537, 0.1617, 0.1020



0.8619, 0.1678, 0.1241

Inverse Universe

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



91.3971, 0.3188, 0.3251



89.9634, 0.3199, 0.3244



98.7188, 0.3188, 0.3415



19.0324, 0.3207, 0.3239



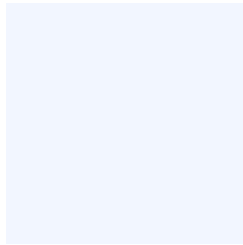
11.4299, 0.5729, 0.2929



1.1316, 0.5409, 0.2753

Previews

White Background



This preview shows how the Yxy color 92.0088, 0.3049, 0.3202 looks on a white background.

Color Contrast Check

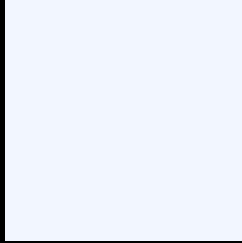
Large Text (above 18pt) WCAG AA × Fail

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 92.0088, 0.3049, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

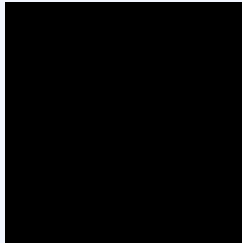
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

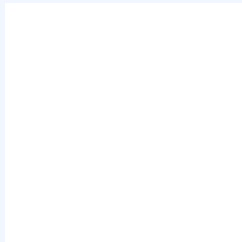
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0088, 0.3049, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 92.0088, 0.3049, 0.3202.



This preview shows how white text looks on a background with the Yxy color 92.0088, 0.3049, 0.3202.

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

92.0088, 0.3049, 0.3202

Protanopia

91.8136, 0.3093, 0.3193

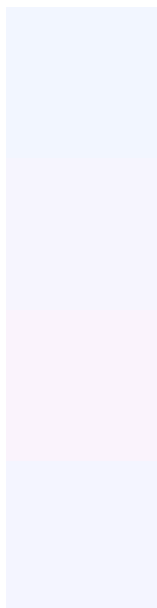
Deuteranopia

91.7293, 0.3157, 0.3203

Tritanopia

91.9373, 0.3068, 0.3192

Trichromacy



Original Color

92.0088, 0.3049, 0.3202

Protanomaly

92.0534, 0.3080, 0.3202

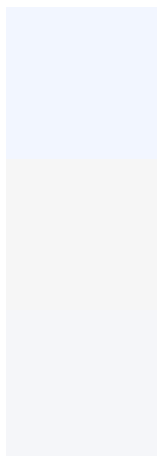
Deuteranomaly

91.4535, 0.3118, 0.3203

Tritanomaly

91.7579, 0.3062, 0.3192

Monochromacy



Original Color

92.0088, 0.3049, 0.3202

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1636, 0.3103, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0088, 0.3049, 0.3202 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(242, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 246, 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(242, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.0088, 0.3049, 0.3202 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(242, 246, 255) }
```

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

```
.border{ border-color:rgb(242, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0088, 0.3049, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 246, 255) }
```

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

```
.background{ background-color: rgb(242,  
246, 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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