

Converting Colors

$Yxy(91.8878, 0.3024, 0.3210)$

Have a look what the booklet for
Yxy(91.8878, 0.3024, 0.3210)
contains.

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Color

Yxy(91.9187, 0.3024, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	EEF7FF
RGB	238, 247, 255
RGB Percent	93%, 97%, 100%
CMY	0.0667, 0.0313, 0.0000
CMYK	0.07, 0.03, 0.00, 0.00
HSL	208°, 100%, 97%
HSV	208°, 7%, 100%
XYZ	86.5656, 91.9187, 107.7776
YIQ	245.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

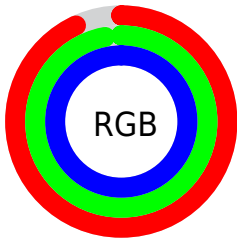
Format	Color
R_{YB}	238, 244, 255
Decimal	15661055
CIE _{Lab}	96.79, -1.49, -4.86
CIE _{LCh}	97, 5.083, 252.966
Yxy	91.9187, 0.3024, 0.3211
Android (android.graphics.Color)	4293851135 (0xFFEEF7FF)
YUV	245.2210, 4.8210, -6.3328
Hunter-Lab	95.8742, -6.6109, 0.4608

Details

The Yxy color **91.9187, 0.3024, 0.3211** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.3218, 0.3234, 0.3368**, and the grayscale version is **91.4636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2839, 0.3004, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **80.7312, 0.2865, 0.3081**, and if you desaturate by 10%, it is **99.9994, 0.3127, 0.3290**.

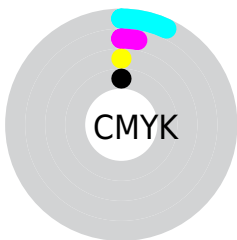
Distribution



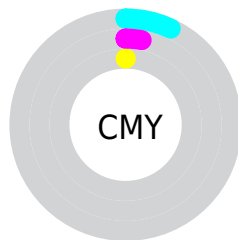
- Red (93%)
- Green (97%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9187, 0.3024, 0.3211 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 91.9187, 0.3024, 0.3211 by changing the saturation by 10% instead.


 91.9187, 0.3024,
0.3211

 91.9187, 0.3024,
0.3211

534.2527, 0.3070,
0.3246

 69.5731, 0.3014,
0.3203


150.0007, 0.3039,
0.3223

 51.1786, 0.3002,
0.3194

186.5059, 0.3046,
0.3228

 36.3508, 0.2987,
0.3182


228.4998, 0.3051,
0.3232

 24.7052, 0.2968,
0.3167

276.3667, 0.3056,
0.3235

 15.8576, 0.2943,
0.3148

330.4910, 0.3060,
0.3239

 9.4234, 0.2908,
0.3120

391.2572, 0.3063,

 5.0184, 0.2858,

0.3241

0.3081

459.0497, 0.3067,
0.3244

■ 2.2580, 0.2777,
0.3016

■ 0.7514, 0.2607,
0.2890

■ 91.9187, 0.3024,
0.3211

■ 91.9187, 0.3024,
0.3211

■ 80.7312, 0.2865,
0.3081

99.9994, 0.3127,
0.3290

■ 70.5998, 0.2702,
0.2937

■ 61.4914, 0.2540,
0.2780

■ 53.3664, 0.2381,
0.2611

■ 46.1824, 0.2231,
0.2433

■ 39.8928, 0.2095,
0.2249

■ 34.4459, 0.1978,
0.2063

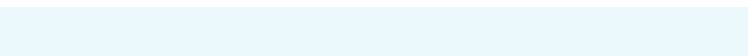
■ 29.7824, 0.1883,
0.1880

■ 25.8300, 0.1812,
0.1706

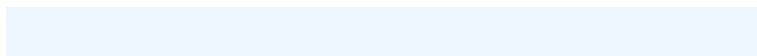
Harmonies

Analogous

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



91.9187, 0.3019, 0.3250



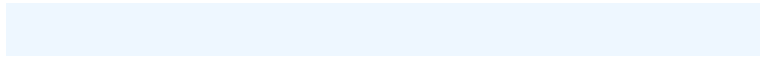
91.9187, 0.3024, 0.3211



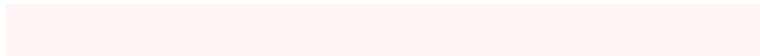
91.9187, 0.3057, 0.3194

Triad

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



91.9187, 0.3024, 0.3211



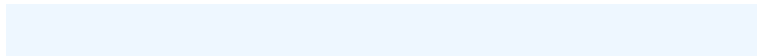
91.9187, 0.3213, 0.3279



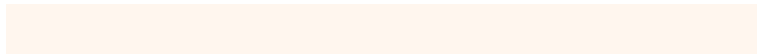
91.9187, 0.3145, 0.3381

Complementary

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



91.9187, 0.3024, 0.3211



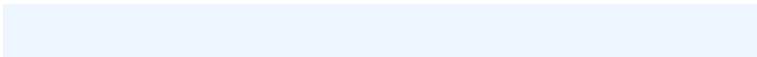
93.3218, 0.3234, 0.3368

Split Complementary

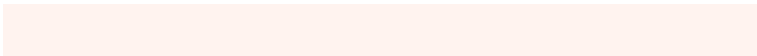
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9187, 0.3198, 0.3388



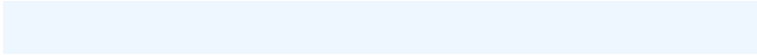
91.9187, 0.3024, 0.3211



91.9187, 0.3237, 0.3329

Square

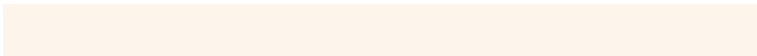
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



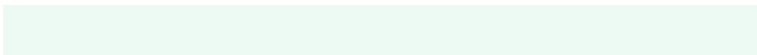
91.9187, 0.3024, 0.3211



91.9187, 0.3166, 0.3233



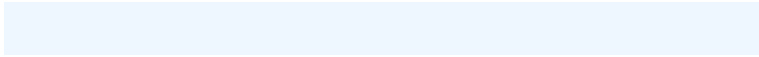
91.9187, 0.3231, 0.3369



91.9187, 0.3088, 0.3349

Rectangle

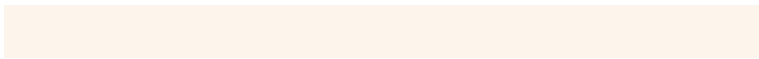
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



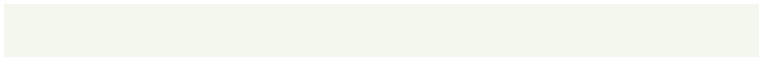
91.9187, 0.3024, 0.3211



91.9187, 0.3090, 0.3196



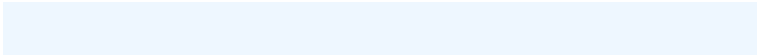
91.9187, 0.3231, 0.3369



91.9187, 0.3164, 0.3386

Sweetspot

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



91.9226, 0.3024, 0.3211



97.5279, 0.3097, 0.3267



96.3378, 0.3074, 0.3379



20.9010, 0.3098, 0.3268



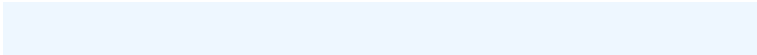
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.9226, 0.3024, 0.3211



90.3773, 0.3003, 0.3195



86.8667, 0.3025, 0.3126



18.9739, 0.2979, 0.3176



13.1769, 0.1799, 0.1678



1.5018, 0.1854, 0.1874

Inverse Universe

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



89.1161, 0.3184, 0.3203



87.0665, 0.3196, 0.3185



98.5831, 0.3227, 0.3448



18.1482, 0.3211, 0.3165



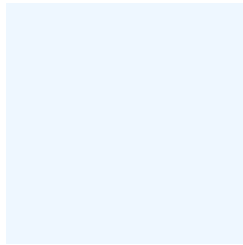
12.0582, 0.4834, 0.2437



1.1962, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 91.9187, 0.3024, 0.3211 looks on a white background.

Color Contrast Check

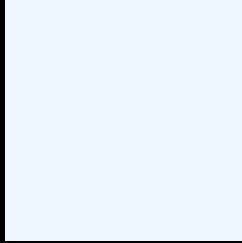
Large Text (above 18pt) WCAG AA × Fail

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 91.9187, 0.3024, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

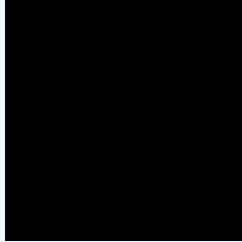
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

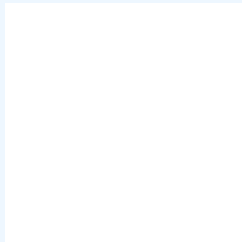
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9187, 0.3024, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 91.9187, 0.3024, 0.3211.

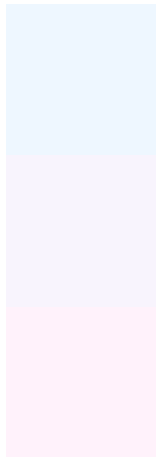


This preview shows how white text looks on a background with the Yxy color 91.9187, 0.3024, 0.3211.

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

91.9187, 0.3024, 0.3211

Protanopia

91.7497, 0.3099, 0.3202

Deuteranopia

91.7293, 0.3157, 0.3203



Tritanopia

92.1862, 0.3055, 0.3202

Trichromacy



Original Color

91.9187, 0.3024, 0.3211

Protanomaly

91.6937, 0.3068, 0.3202

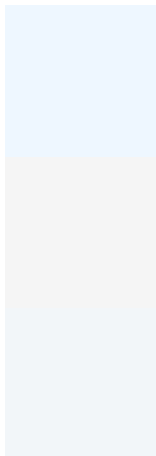
Deuteranomaly

91.8694, 0.3112, 0.3212

Tritanomaly

91.8323, 0.3043, 0.3201

Monochromacy



Original Color

91.9187, 0.3024, 0.3211

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6283, 0.3084, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9187, 0.3024, 0.3211 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(238, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 247, 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(238, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 247, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.9187, 0.3024, 0.3211 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(238, 247, 255) }
```

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

```
.border{ border-color:rgb(238, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 247,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9187, 0.3024, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 247, 255) }
```

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

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