

Converting Colors

Yxy(91.9156, 0.2939, 0.3148)

Have a look what the booklet for
Yxy(91.9156, 0.2939, 0.3148)
contains.

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Color

Yxy(91.3437, 0.2981, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	E7F8FF
RGB	231, 248, 255
RGB Percent	91%, 97%, 100%
CMY	0.0942, 0.0274, 0.0001
CMYK	0.09, 0.03, 0.00, 0.00
HSL	197°, 100%, 95%
HSV	197°, 9%, 100%
XYZ	84.5638, 91.3437, 107.7685
YIQ	243.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

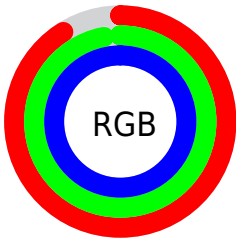
Format	Color
R _Y B	231, 241, 255
Decimal	15202559
CIE Lab	96.55, -4.24, -5.26
CIE LCh	97, 6.756, 231.146
Yxy	91.3437, 0.2981, 0.3220
Android (android.graphics.Color)	4293392639 (0xFFE7F8FF)
YUV	243.7150, 5.5635, -11.1511
Hunter-Lab	95.5739, -9.3174, 0.0467

Details

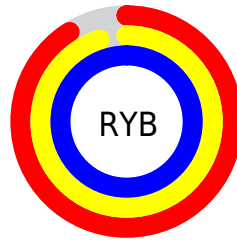
The Yxy color 91.3437, 0.2981, 0.3220 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.1433, 0.3285, 0.3359, and the grayscale version is 90.1882, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.8905, 0.2950, 0.3213 is the 20% darker color. If you saturate the color by 10%, you get 82.9467, 0.2826, 0.3138, and if you desaturate by 10%, it is 99.9991, 0.3127, 0.3290.

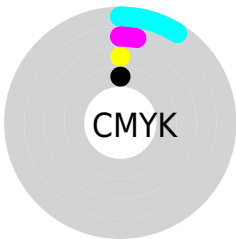
Distribution



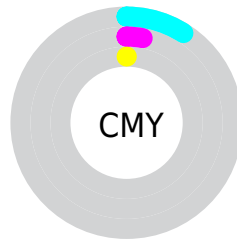
- Red (91%)
- Green (97%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3437, 0.2981, 0.3220 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 91.3437, 0.2981, 0.3220 by changing the saturation by 10% instead.


 91.3437, 0.2981,
0.3220

 91.3437, 0.2981,
0.3220

532.3922, 0.3046,
0.3252

 69.0956, 0.2967,
0.3213


149.2035, 0.3003,
0.3231

 50.7896, 0.2950,
0.3204

185.5839, 0.3012,
0.3235

 36.0412, 0.2928,
0.3194


227.4440, 0.3019,
0.3239

 24.4660, 0.2901,
0.3180

275.1681, 0.3026,
0.3242

 15.6797, 0.2866,
0.3162

329.1406, 0.3032,
0.3245

 9.2978, 0.2817,
0.3137

389.7458, 0.3037,

 4.9359, 0.2746,

0.3247

0.3099

457.3682, 0.3041,
0.3249

■ 2.2097, 0.2634,
0.3038

■ 0.7253, 0.2361,
0.2922

■ 91.3437, 0.2981,
0.3220

■ 91.3437, 0.2981,
0.3220

■ 82.9467, 0.2826,
0.3138

99.9991, 0.3127,
0.3290

■ 75.3152, 0.2674,
0.3049

■ 68.4226, 0.2529,
0.2952

■ 62.2357, 0.2394,
0.2850

■ 56.7185, 0.2273,
0.2743

■ 51.8311, 0.2168,
0.2633

■ 47.5281, 0.2083,
0.2521

■ 43.7557, 0.2019,
0.2411

■ 40.4328, 0.1973,
0.2302

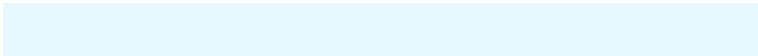
Harmonies

Analogous

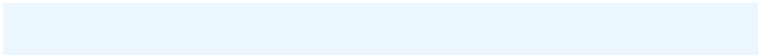
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3437, 0.3002, 0.3285



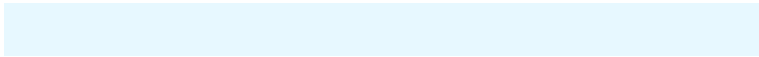
91.3437, 0.2981, 0.3220



91.3437, 0.2999, 0.3175

Triad

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



91.3437, 0.2981, 0.3220



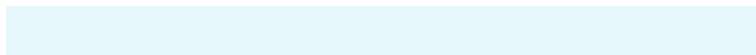
91.3437, 0.3198, 0.3229



91.3437, 0.3204, 0.3422

Complementary

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



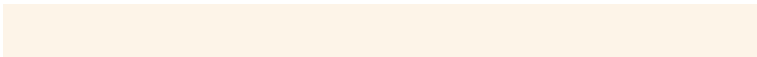
91.3437, 0.2981, 0.3220



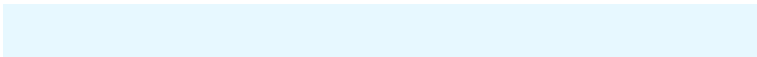
88.1433, 0.3285, 0.3359

Split Complementary

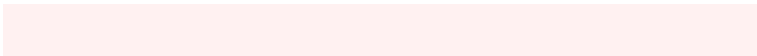
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3437, 0.3257, 0.3405



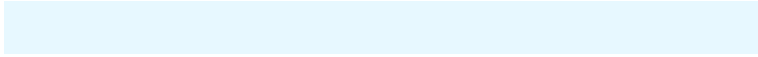
91.3437, 0.2981, 0.3220



91.3437, 0.3254, 0.3293

Square

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



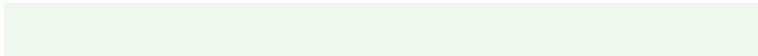
91.3437, 0.2981, 0.3220



91.3437, 0.3123, 0.3181



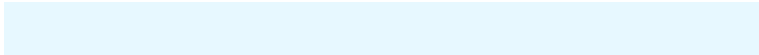
91.3437, 0.3276, 0.3358



91.3437, 0.3130, 0.3403

Rectangle

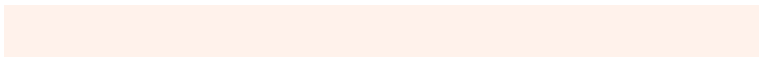
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.3437, 0.2981, 0.3220



91.3437, 0.3030, 0.3162



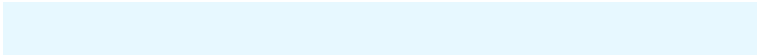
91.3437, 0.3276, 0.3358



91.3437, 0.3225, 0.3420

Sweetspot

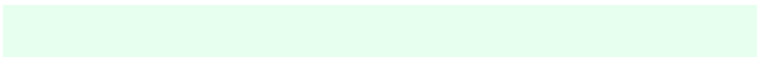
The Sweet Spot groups the original color and five complimentary colors.



91.3475, 0.2981, 0.3220



97.1689, 0.3081, 0.3268



94.6558, 0.3077, 0.3463



20.6388, 0.3068, 0.3263



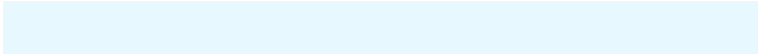
0.0000, 0.0000, 0.0000



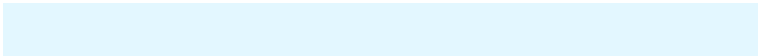
21.4041, 0.3127, 0.3290

Same Dimension

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



91.3475, 0.2981, 0.3220



89.9761, 0.2956, 0.3208



84.2969, 0.2980, 0.3100



19.5380, 0.2980, 0.3219



21.3026, 0.1976, 0.2313



2.2625, 0.2011, 0.2438

Inverse Universe

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



85.1733, 0.3182, 0.3124



82.8773, 0.3192, 0.3096



95.2622, 0.3273, 0.3473



18.2052, 0.3183, 0.3123



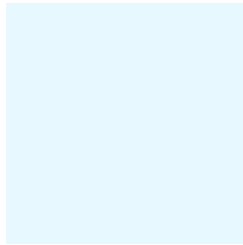
12.8785, 0.4112, 0.2039



1.2729, 0.3984, 0.1969

Previews

White Background



This preview shows how the Yxy color 91.3437, 0.2981, 0.3220 looks on a white background.

Color Contrast Check

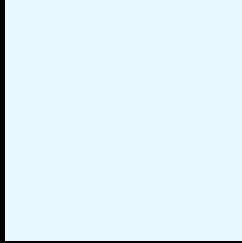
Large Text (above 18pt) WCAG AA × Fail

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 91.3437, 0.2981, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

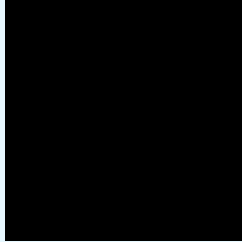
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

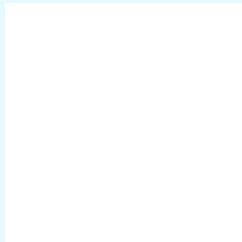
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3437, 0.2981, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 91.3437, 0.2981, 0.3220.

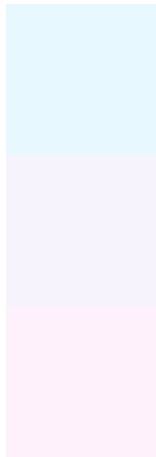


This preview shows how white text looks on a background with the Yxy color 91.3437, 0.2981, 0.3220.

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

91.3437, 0.2981, 0.3220

Protanopia

90.9036, 0.3099, 0.3202

Deuteranopia

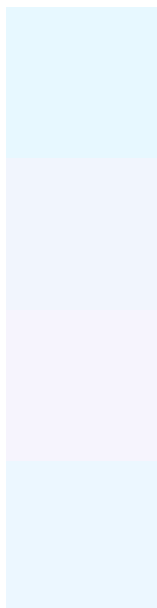
91.1989, 0.3152, 0.3184



Tritanopia

91.4823, 0.3030, 0.3201

Trichromacy



Original Color

91.3437, 0.2981, 0.3220

Protanomaly

91.0974, 0.3055, 0.3211

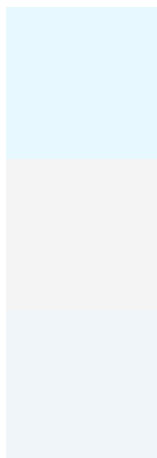
Deuteranomaly

91.3860, 0.3086, 0.3202

Tritanomaly

91.5744, 0.3012, 0.3211

Monochromacy



Original Color

91.3437, 0.2981, 0.3220

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4328, 0.3071, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3437, 0.2981, 0.3220 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(231, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 248, 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(231, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 248, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.3437, 0.2981, 0.3220 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(231, 248, 255) }
```

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

```
.border{ border-color:rgb(231, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 248,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3437, 0.2981, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 248, 255) }
```

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

```
.background{ background-color: rgb(231,  
248, 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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