

Converting Colors

$Yxy(90.9185, 0.3035, 0.3190)$

Have a look what the booklet for
Yxy(90.9185, 0.3035, 0.3190)
contains.

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Color

Yxy(91.0501, 0.3037, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	F0F5FF
RGB	240, 245, 255
RGB Percent	94%, 96%, 100%
CMY	0.0586, 0.0393, 0.0000
CMYK	0.06, 0.04, 0.00, 0.00
HSL	220°, 100%, 97%
HSV	220°, 6%, 100%
XYZ	86.6560, 91.0501, 107.6280
YIQ	244.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

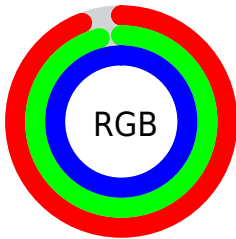
Format	Color
R _{YB}	240, 244, 255
Decimal	15791615
CIE Lab	96.43, 0.22, -5.38
CIE LCh	96, 5.387, 272.294
Yxy	91.0501, 0.3037, 0.3191
Android (android.graphics.Color)	4293981695 (0xFFFF0F5FF)
YUV	244.6450, 5.1050, -4.0737
Hunter-Lab	95.4202, -4.8803, -0.0813

Details

The Yxy color **91.0501, 0.3037, 0.3191** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95.9772, 0.3218, 0.3387**, and the grayscale version is **90.9814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6628, 0.3020, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **77.0246, 0.2874, 0.3006**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

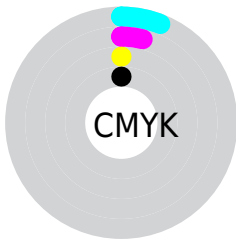
Distribution



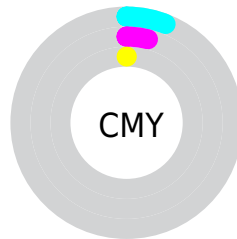
- Red (94%)
- Green (96%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.0501, 0.3037, 0.3191 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 91.0501, 0.3037, 0.3191 by changing the saturation by 10% instead.

91.0501, 0.3037,
0.3191

91.0501, 0.3037,
0.3191

531.4409, 0.3077,
0.3235

68.8519, 0.3028,
0.3181

148.7962, 0.3051,
0.3206

50.5911, 0.3018,
0.3170

185.1129, 0.3056,
0.3212

35.8833, 0.3004,
0.3155

226.9045, 0.3061,
0.3217

24.3441, 0.2987,
0.3137

274.5555, 0.3065,
0.3221

15.5891, 0.2965,
0.3112

328.4502, 0.3068,
0.3225

9.2338, 0.2934,
0.3079

388.9731, 0.3072,

4.8940, 0.2889,

0.3229

0.3029

456.5085, 0.3074,
0.3232

■ 2.1852, 0.2817,
0.2950

■ 0.7119, 0.2666,
0.2783

■ 91.0501, 0.3037,
0.3191

■ 91.0501, 0.3037,
0.3191

■ 77.0246, 0.2874,
0.3006

100.0000, 0.3127,
0.3290

■ 64.5280, 0.2701,
0.2798

■ 53.5084, 0.2522,
0.2570

■ 43.9076, 0.2340,
0.2325

■ 35.6633, 0.2162,
0.2068

■ 28.7080, 0.1996,
0.1807

■ 22.9675, 0.1851,
0.1552

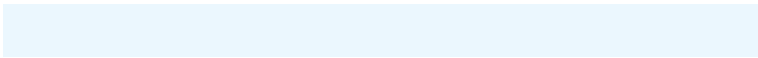
■ 18.3583, 0.1733,
0.1317

■ 14.7830, 0.1649,
0.1111

Harmonies

Analogous

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



91.0501, 0.3012, 0.3219



91.0501, 0.3037, 0.3191



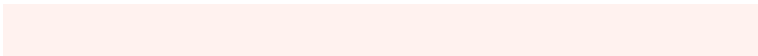
91.0501, 0.3086, 0.3190

Triad

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



91.0501, 0.3037, 0.3191



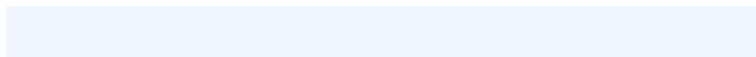
91.0501, 0.3238, 0.3313



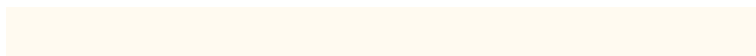
91.0501, 0.3107, 0.3367

Complementary

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



91.0501, 0.3037, 0.3191



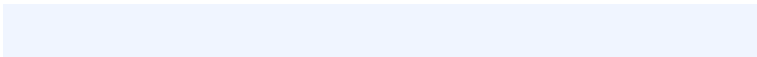
95.9772, 0.3218, 0.3387

Split Complementary

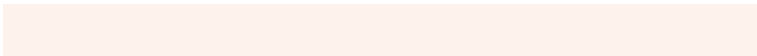
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0501, 0.3168, 0.3393



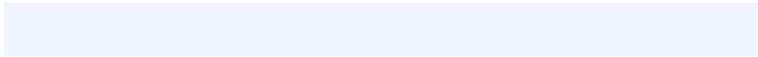
91.0501, 0.3037, 0.3191



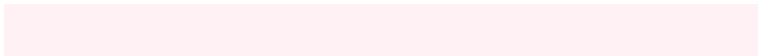
91.0501, 0.3244, 0.3361

Square

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



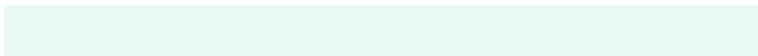
91.0501, 0.3037, 0.3191



91.0501, 0.3203, 0.3260



91.0501, 0.3218, 0.3390



91.0501, 0.3052, 0.3320

Rectangle

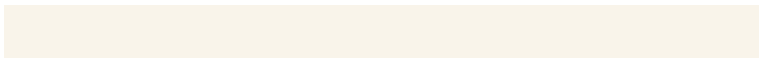
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.0501, 0.3037, 0.3191



91.0501, 0.3126, 0.3204



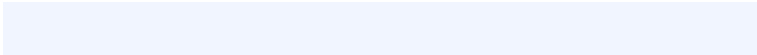
91.0501, 0.3218, 0.3390



91.0501, 0.3127, 0.3379

Sweetspot

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



91.0529, 0.3037, 0.3191



96.8827, 0.3097, 0.3257



96.9605, 0.3064, 0.3339



20.7696, 0.3098, 0.3259



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.



91.0529, 0.3037, 0.3191



89.3690, 0.3019, 0.3171



88.5553, 0.3054, 0.3143



18.9402, 0.3009, 0.3160



7.3266, 0.1629, 0.1065



0.9035, 0.1691, 0.1288

Inverse Universe

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



90.2112, 0.3195, 0.3243



88.3881, 0.3210, 0.3233



98.6063, 0.3198, 0.3434



18.7153, 0.3217, 0.3228



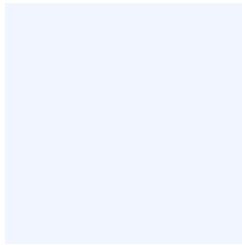
11.4676, 0.5662, 0.2893



1.1358, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 91.0501, 0.3037, 0.3191 looks on a white background.

Color Contrast Check

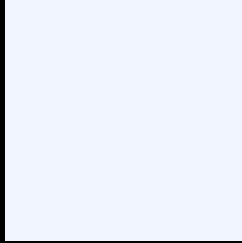
Large Text (above 18pt) WCAG AA × Fail

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 91.0501, 0.3037, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

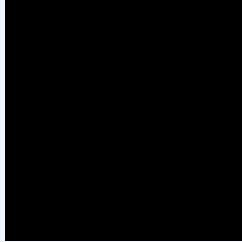
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

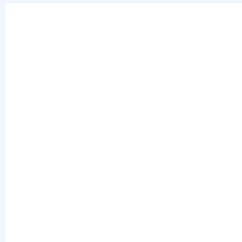
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0501, 0.3037, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 91.0501, 0.3037, 0.3191.



This preview shows how white text looks on a background with the Yxy color 91.0501, 0.3037, 0.3191.

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

91.0501, 0.3037, 0.3191

Protanopia

90.8498, 0.3081, 0.3183

Deuteranopia

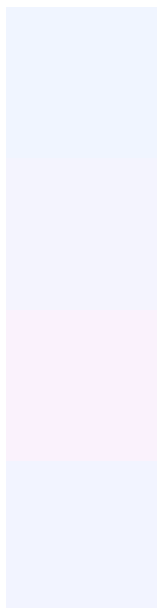
91.1356, 0.3158, 0.3194



Tritanopia

90.9761, 0.3056, 0.3182

Trichromacy



Original Color

91.0501, 0.3037, 0.3191

Protanomaly

91.0902, 0.3068, 0.3192

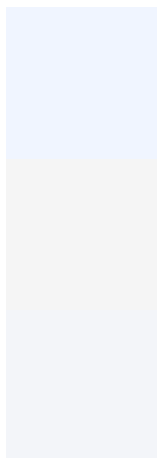
Deuteranomaly

90.8565, 0.3119, 0.3193

Tritanomaly

90.7986, 0.3049, 0.3182

Monochromacy



Original Color

91.0501, 0.3037, 0.3191

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.1991, 0.3091, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0501, 0.3037, 0.3191 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 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(240, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.0501, 0.3037, 0.3191 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, 255) }
```

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

```
.border{ border-color:rgb(240, 245, 255) }
```

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, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0501, 0.3037, 0.3191 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, 255) }
```

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

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