

Converting Colors

$Yxy(88.3427, 0.3004, 0.3128)$

Have a look what the booklet for
Yxy(88.3427, 0.3004, 0.3128)
contains.

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Color

Yxy(88.1351, 0.3018, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	EDF1FF
RGB	237, 241, 255
RGB Percent	93%, 95%, 100%
CMY	0.0708, 0.0548, 0.0001
CMYK	0.07, 0.05, 0.00, 0.00
HSL	226°, 100%, 96%
HSV	226°, 7%, 100%
XYZ	84.4150, 88.1351, 107.1551
YIQ	241.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

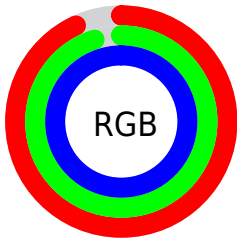
Format	Color
R_{YB}	237, 240, 255
Decimal	15593983
CIE Lab	95.22, 1.23, -7.18
CIE LCh	95, 7.286, 279.701
Yxy	88.1351, 0.3018, 0.3151
Android (android.graphics.Color)	4293784063 (0xFFEDF1FF)
YUV	241.4000, 6.7048, -3.8588
Hunter-Lab	93.8803, -3.7874, -1.9575

Details

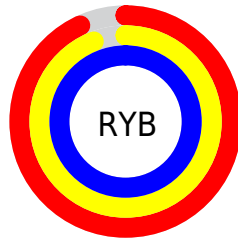
The Yxy color **88.1351, 0.3018, 0.3151** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96.3067, 0.3236, 0.3425**, and the grayscale version is **88.2410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5989, 0.2996, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **72.9972, 0.2851, 0.2933**, and if you desaturate by 10%, it is **99.9989, 0.3127, 0.3290**.

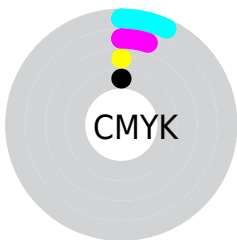
Distribution



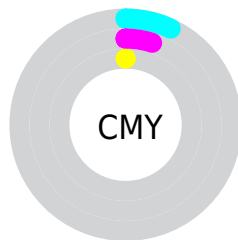
- Red (93%)
- Green (95%)
- Blue (100%)



- Red (93%)
- Yellow (94%)
- Blue (100%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1351, 0.3018, 0.3151 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 88.1351, 0.3018, 0.3151 by changing the saturation by 10% instead.

88.1351, 0.3018,
0.3151

88.1351, 0.3018,
0.3151

521.9456, 0.3067,
0.3213

66.4350, 0.3007,
0.3137

144.7452, 0.3035,
0.3172

48.6256, 0.2994,
0.3121

180.4240, 0.3041,
0.3180

34.3226, 0.2978,
0.3100

221.5311, 0.3047,
0.3188

23.1415, 0.2957,
0.3074

268.4510, 0.3052,
0.3194

14.6980, 0.2929,
0.3039

321.5679, 0.3056,
0.3200

8.6077, 0.2891,
0.2991

381.2664, 0.3060,

4.4862, 0.2834,

0.3205

0.2921

447.9308, 0.3064,
0.3209

■ 1.9491, 0.2742,
0.2807

■ 0.5776, 0.2520,
0.2514

■ 88.1351, 0.3018,
0.3151

■ 88.1351, 0.3018,
0.3151

■ 72.9972, 0.2851,
0.2933

99.9989, 0.3127,
0.3290

■ 59.6795, 0.2672,
0.2689

■ 48.1154, 0.2482,
0.2421

■ 38.2299, 0.2288,
0.2136

■ 29.9424, 0.2099,
0.1841

■ 23.1655, 0.1923,
0.1550

■ 17.8025, 0.1771,
0.1279

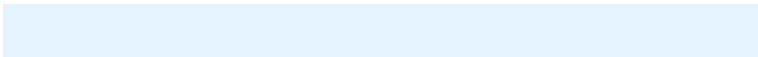
■ 13.7447, 0.1654,
0.1044

■ 10.8631, 0.1577,
0.0859

Harmonies

Analogous

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



88.1351, 0.2975, 0.3180



88.1351, 0.3018, 0.3151



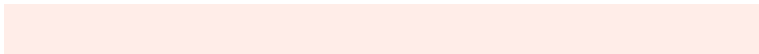
88.1351, 0.3091, 0.3159

Triad

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



88.1351, 0.3018, 0.3151



88.1351, 0.3285, 0.3338



88.1351, 0.3079, 0.3382

Complementary

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



88.1351, 0.3018, 0.3151



96.3067, 0.3236, 0.3425

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.



88.1351, 0.3162, 0.3426



88.1351, 0.3018, 0.3151



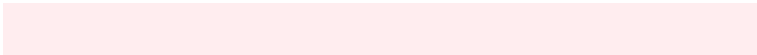
88.1351, 0.3282, 0.3399

Square

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



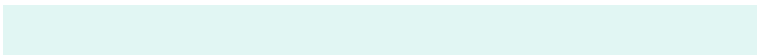
88.1351, 0.3018, 0.3151



88.1351, 0.3246, 0.3266



88.1351, 0.3237, 0.3431



88.1351, 0.3010, 0.3313

Rectangle

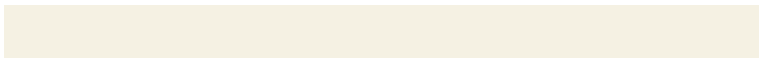
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



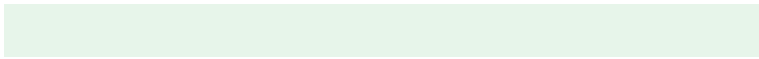
88.1351, 0.3018, 0.3151



88.1351, 0.3147, 0.3184



88.1351, 0.3237, 0.3431



88.1351, 0.3106, 0.3400

Sweetspot

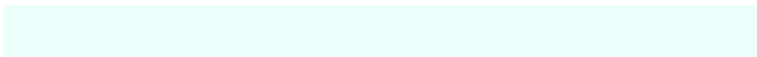
The Sweet Spot groups the original color and five complimentary colors.



88.1388, 0.3018, 0.3151



96.5523, 0.3097, 0.3252



96.4562, 0.3041, 0.3331



20.7023, 0.3099, 0.3254



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.



88.1388, 0.3018, 0.3151



86.6687, 0.3003, 0.3132



86.5927, 0.3049, 0.3112



18.0431, 0.2979, 0.3100



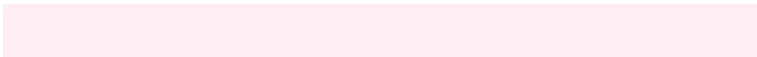
5.5146, 0.1566, 0.0838



0.6922, 0.1622, 0.1039

Inverse Universe

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



88.1483, 0.3222, 0.3251



86.6921, 0.3236, 0.3245



97.9772, 0.3202, 0.3466



18.0543, 0.3259, 0.3237



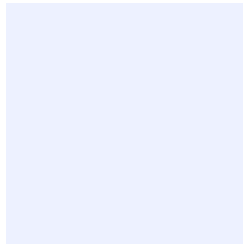
11.2847, 0.6008, 0.3084



1.1144, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 88.1351, 0.3018, 0.3151 looks on a white background.

Color Contrast Check

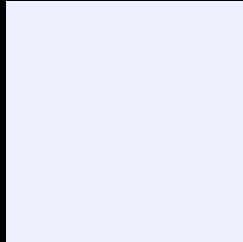
Large Text (above 18pt) WCAG AA × Fail

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 88.1351, 0.3018, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

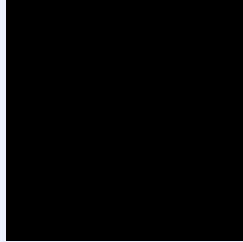
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1351, 0.3018, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 88.1351, 0.3018, 0.3151.



This preview shows how white text looks on a background with the Yxy color 88.1351, 0.3018, 0.3151.

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

88.1351, 0.3018, 0.3151

Protanopia

88.3532, 0.3056, 0.3152

Deuteranopia

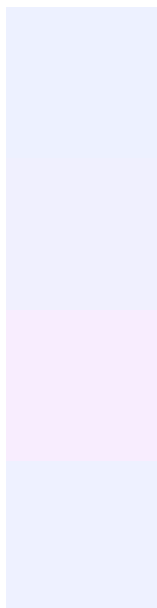
87.8324, 0.3142, 0.3107



Tritanopia

88.4813, 0.3031, 0.3151

Trichromacy



Original Color

88.1351, 0.3018, 0.3151

Protanomaly

88.0012, 0.3043, 0.3151

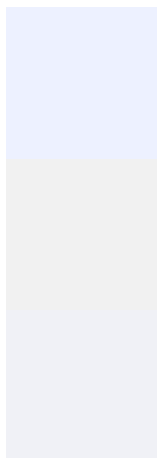
Deuteranomaly

87.6806, 0.3096, 0.3124

Tritanomaly

88.3077, 0.3025, 0.3151

Monochromacy



Original Color

88.1351, 0.3018, 0.3151

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.0897, 0.3091, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1351, 0.3018, 0.3151 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(237, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 241, 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(237, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.1351, 0.3018, 0.3151 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(237, 241, 255) }
```

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

```
.border{ border-color:rgb(237, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(237, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1351, 0.3018, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 241, 255) }
```

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

```
.background{ background-color: rgb(237,  
241, 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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