

Converting Colors

$Yxy(88.9066, 0.2957, 0.3224)$

Have a look what the booklet for
Yxy(88.9066, 0.2957, 0.3224)
contains.

Yxy(88.9474, 0.2961, 0.3229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.9474, 0.2961, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	E1F6FC
RGB	225, 246, 252
RGB Percent	88%, 96%, 99%
CMY	0.1178, 0.0352, 0.0118
CMYK	0.11, 0.02, 0.00, 0.01
HSL	193°, 82%, 94%
HSV	193°, 11%, 99%
XYZ	81.5650, 88.9474, 104.9519
YIQ	240.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

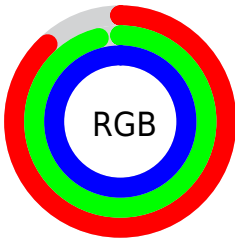
Format	Color
R _Y B	225, 237, 252
Decimal	14808828
CIE Lab	95.56, -5.71, -5.22
CIE LCh	96, 7.738, 222.433
Yxy	88.9474, 0.2961, 0.3229
Android (android.graphics.Color)	4292998908 (0xFFE1F6FC)
YUV	240.4050, 5.7163, -13.5102
Hunter-Lab	94.3119, -10.6715, 0.0395

Details

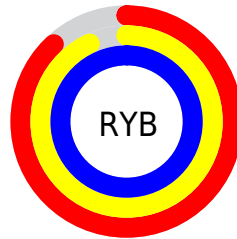
The Yxy color **88.9474, 0.2961, 0.3229** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.2346, 0.3312, 0.3350**, and the grayscale version is **87.4305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3131, 0.2932, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **81.8632, 0.2809, 0.3166**, and if you desaturate by 10%, it is **96.7380, 0.3116, 0.3286**.

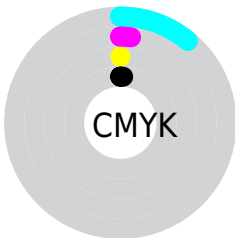
Distribution



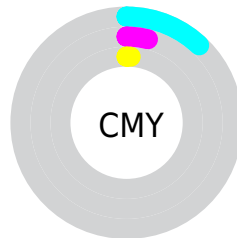
- Red (88%)
- Green (96%)
- Blue (99%)



- Red (88%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)




- Cyan (12%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9474, 0.2961, 0.3229 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 88.9474, 0.2961, 0.3229 by changing the saturation by 10% instead.

 88.9474, 0.2961,
0.3229

 88.9474, 0.2961,
0.3229


524.6008, 0.3035,
0.3257

 67.1080, 0.2945,
0.3223


145.8754, 0.2986,
0.3239

 49.1724, 0.2925,
0.3215


181.7328, 0.2996,
0.3242

 34.7562, 0.2901,
0.3206


223.0316, 0.3005,
0.3246

 23.4752, 0.2870,
0.3193

270.1562, 0.3012,
0.3248

 14.9448, 0.2829,
0.3177

323.4910, 0.3019,
0.3251

 8.7806, 0.2772,
0.3153

383.4205, 0.3025,

 4.5984, 0.2689,

0.3253

0.3118

450.3289, 0.3030,
0.3255

■ 2.0136, 0.2556,
0.3059

■ 0.6154, 0.2124,
0.2934

■ 88.9474, 0.2961,
0.3229

■ 88.9474, 0.2961,
0.3229

■ 81.8632, 0.2809,
0.3166

■ 96.7380, 0.3116,
0.3286

■ 75.4472, 0.2662,
0.3098

■ 99.8074, 0.3145,
0.3319

■ 69.6742, 0.2525,
0.3026

■ 64.5131, 0.2400,
0.2949

■ 59.9295, 0.2290,
0.2869

■ 55.8853, 0.2198,
0.2787

■ 52.3368, 0.2126,
0.2705

■ 49.2318, 0.2074,
0.2623

■ 46.6726, 0.2041,
0.2548

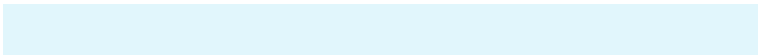
Harmonies

Analogous

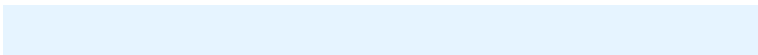
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9474, 0.2997, 0.3307



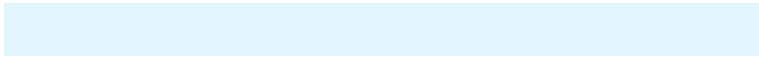
88.9474, 0.2961, 0.3229



88.9474, 0.2968, 0.3169

Triad

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



88.9474, 0.2961, 0.3229



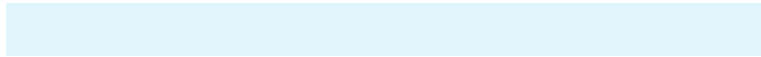
88.9474, 0.3185, 0.3201



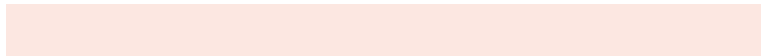
88.9474, 0.3237, 0.3441

Complementary

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



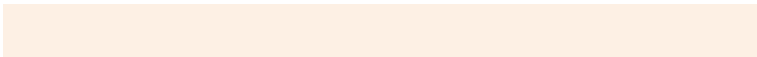
88.9474, 0.2961, 0.3229



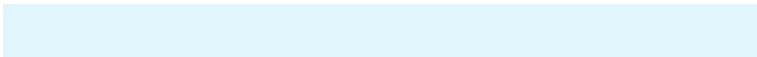
83.2346, 0.3312, 0.3350

Split Complementary

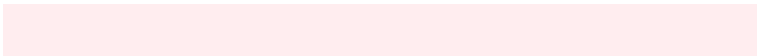
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9474, 0.3288, 0.3410



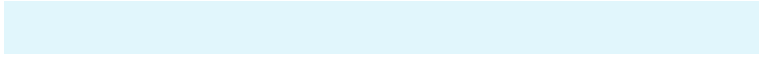
88.9474, 0.2961, 0.3229



88.9474, 0.3258, 0.3271

Square

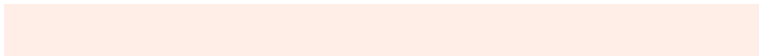
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9474, 0.2961, 0.3229



88.9474, 0.3097, 0.3154



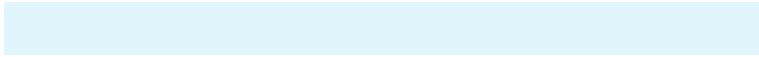
88.9474, 0.3296, 0.3348



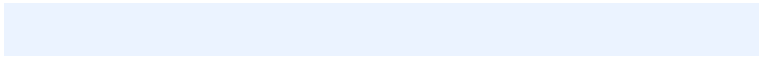
88.9474, 0.3156, 0.3431

Rectangle

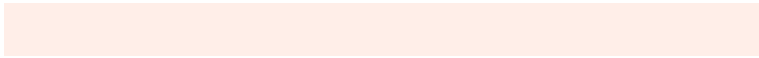
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.9474, 0.2961, 0.3229



88.9474, 0.2997, 0.3147



88.9474, 0.3296, 0.3348



88.9474, 0.3258, 0.3435

Sweetspot

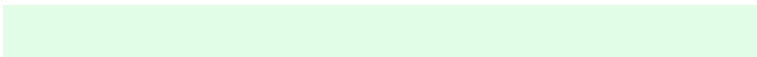
The Sweet Spot groups the original color and five complimentary colors.



88.9511, 0.2961, 0.3229



97.5052, 0.3081, 0.3274



91.3711, 0.3080, 0.3508



20.7298, 0.3068, 0.3269



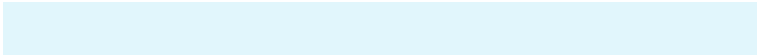
0.0000, 0.0000, 0.0000



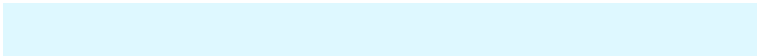
21.4041, 0.3127, 0.3290

Same Dimension

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



88.9511, 0.2961, 0.3229



89.6659, 0.2926, 0.3215



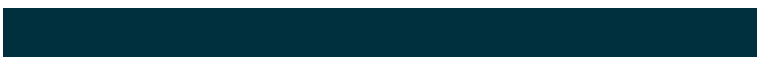
81.0872, 0.2959, 0.3091



18.9203, 0.2980, 0.3236



24.5438, 0.2045, 0.2562



2.4279, 0.2072, 0.2659

Inverse Universe

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



81.1741, 0.3178, 0.3083



80.1806, 0.3190, 0.3037



91.0250, 0.3296, 0.3482



17.4551, 0.3172, 0.3107



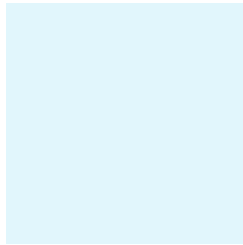
12.8886, 0.3862, 0.1901



1.2093, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 88.9474, 0.2961, 0.3229 looks on a white background.

Color Contrast Check

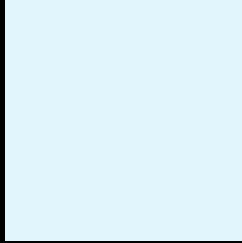
Large Text (above 18pt) WCAG AA × Fail

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 88.9474, 0.2961, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

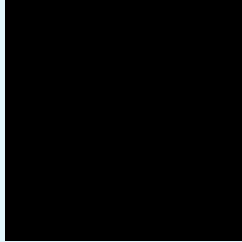
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

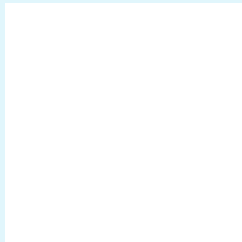
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9474, 0.2961, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 88.9474, 0.2961, 0.3229.

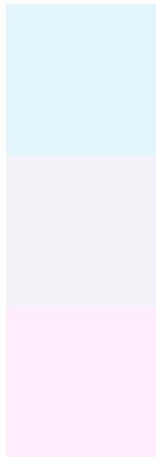


This preview shows how white text looks on a background with the Yxy color 88.9474, 0.2961, 0.3229.

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**

88.9474, 0.2961, 0.3229

Protanopia

88.9832, 0.3098, 0.3211

Deuteranopia

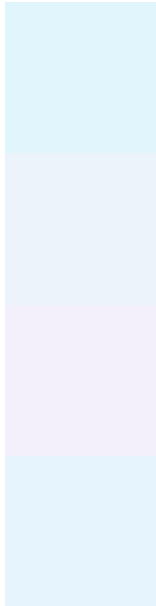
88.7934, 0.3160, 0.3155



Tritanopia

88.6448, 0.2993, 0.3170

Trichromacy



Original Color

88.9474, 0.2961, 0.3229

Protanomaly

89.0078, 0.3047, 0.3220

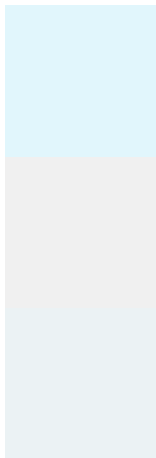
Deuteranomaly

88.5183, 0.3087, 0.3182

Tritanomaly

88.6801, 0.2980, 0.3189

Monochromacy



Original Color

88.9474, 0.2961, 0.3229

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.6981, 0.3070, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9474, 0.2961, 0.3229 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(225, 246, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 252)  
}
```

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(225, 246, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 252) }
```

Border

The CSS property to change the border of an element to Yxy 88.9474, 0.2961, 0.3229 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(225, 246, 252) }
```

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

```
.border{ border-color:rgb(225, 246, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 246, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 246, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 246,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9474, 0.2961, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 252) }
```

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

```
.background{ background-color: rgb(225,  
246, 252) }
```

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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