

Converting Colors

$Yxy(89.3336, 0.2951, 0.3221)$

Have a look what the booklet for
Yxy(89.3336, 0.2951, 0.3221)
contains.

Yxy(89.6209, 0.2956, 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(89.6209, 0.2956, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	E1F7FD
RGB	225, 247, 253
RGB Percent	88%, 97%, 99%
CMY	0.1176, 0.0314, 0.0079
CMYK	0.11, 0.02, 0.00, 0.01
HSL	193°, 87%, 94%
HSV	193°, 11%, 99%
XYZ	82.0438, 89.6209, 105.8853
YIQ	241.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

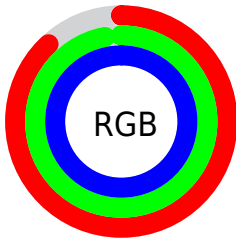
Format	Color
R _Y B	225, 237, 253
Decimal	14809085
CIE Lab	95.84, -5.99, -5.32
CIE LCh	96, 8.015, 221.596
Yxy	89.6209, 0.2956, 0.3229
Android (android.graphics.Color)	4292999165 (0xFFE1F7FD)
YUV	241.1060, 5.8637, -14.1250
Hunter-Lab	94.6683, -10.9735, -0.0473

Details

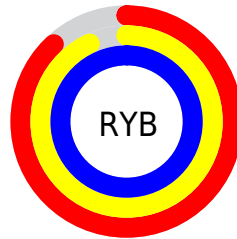
The Yxy color **89.6209, 0.2956, 0.3229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4690, 0.3318, 0.3350**, and the grayscale version is **88.0168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7932, 0.2925, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **82.5940, 0.2804, 0.3168**, and if you desaturate by 10%, it is **97.3537, 0.3111, 0.3285**.

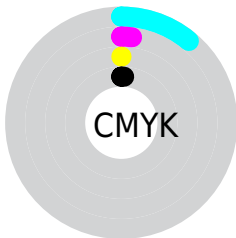
Distribution



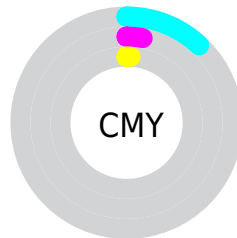
- Red (88%)
- Green (97%)
- Blue (99%)



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



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



- Cyan (12%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.6209, 0.2956, 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 89.6209, 0.2956, 0.3229 by changing the saturation by 10% instead.

89.6209, 0.2956,
0.3229

89.6209, 0.2956,
0.3229

526.7969, 0.3032,
0.3257

67.6663, 0.2939,
0.3223

146.8117, 0.2982,
0.3239

49.6263, 0.2919,
0.3215

182.8166, 0.2992,
0.3242

35.1165, 0.2894,
0.3206

224.2738, 0.3001,
0.3246

23.7527, 0.2862,
0.3193

271.5676, 0.3009,
0.3248

15.1502, 0.2820,
0.3177

325.0824, 0.3015,
0.3251

8.9249, 0.2762,
0.3153

385.2026, 0.3022,

4.6922, 0.2678,

0.3253

0.3118

452.3127, 0.3027,
0.3255

■ 2.0678, 0.2543,
0.3060

■ 0.6464, 0.2133,
0.2945

■ 89.6209, 0.2956,
0.3229

■ 89.6209, 0.2956,
0.3229

■ 82.5940, 0.2804,
0.3168

■ 97.3537, 0.3111,
0.3285

■ 76.2345, 0.2658,
0.3102

99.8706, 0.3139,
0.3309

■ 70.5171, 0.2522,
0.3032

■ 65.4101, 0.2398,
0.2957

■ 60.8790, 0.2290,
0.2880

■ 56.8851, 0.2200,
0.2801

■ 53.3841, 0.2130,
0.2721

■ 50.3233, 0.2079,
0.2642

■ 47.8837, 0.2048,
0.2572

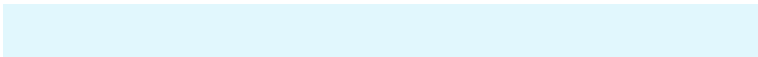
Harmonies

Analogous

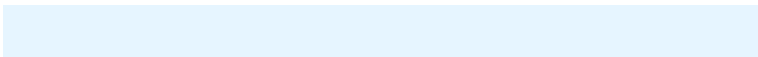
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6209, 0.2995, 0.3310



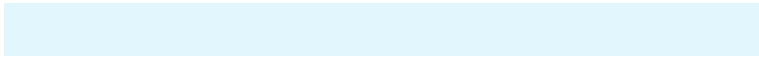
89.6209, 0.2956, 0.3229



89.6209, 0.2962, 0.3166

Triad

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



89.6209, 0.2956, 0.3229



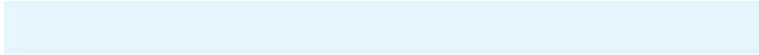
89.6209, 0.3184, 0.3196



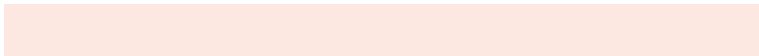
89.6209, 0.3242, 0.3446

Complementary

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



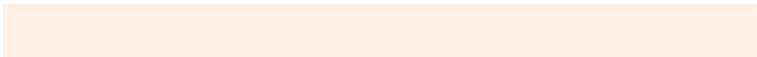
89.6209, 0.2956, 0.3229



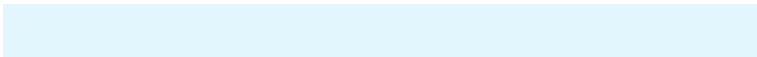
83.4690, 0.3318, 0.3350

Split Complementary

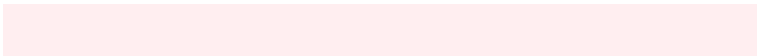
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6209, 0.3295, 0.3412



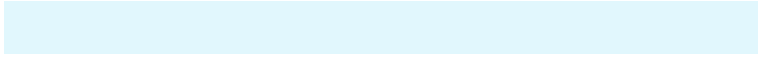
89.6209, 0.2956, 0.3229



89.6209, 0.3261, 0.3269

Square

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



89.6209, 0.2956, 0.3229



89.6209, 0.3093, 0.3149



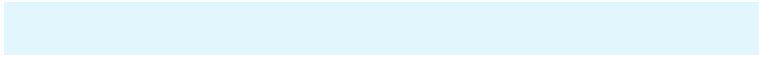
89.6209, 0.3302, 0.3347



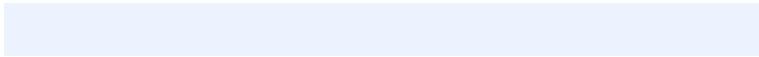
89.6209, 0.3160, 0.3437

Rectangle

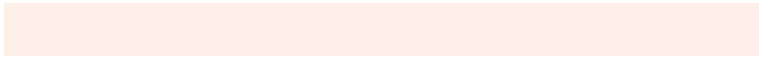
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.6209, 0.2956, 0.3229



89.6209, 0.2991, 0.3143



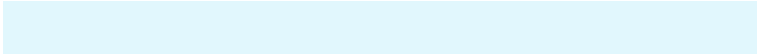
89.6209, 0.3302, 0.3347



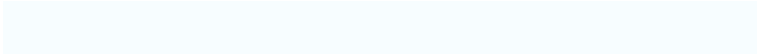
89.6209, 0.3264, 0.3439

Sweetspot

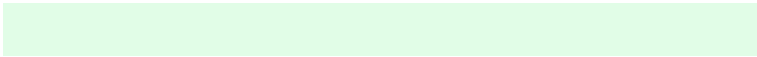
The Sweet Spot groups the original color and five complimentary colors.



89.6247, 0.2956, 0.3229



97.5385, 0.3081, 0.3274



91.9973, 0.3082, 0.3520



20.7388, 0.3068, 0.3270



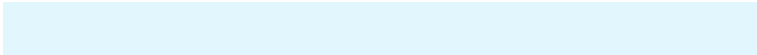
0.0000, 0.0000, 0.0000



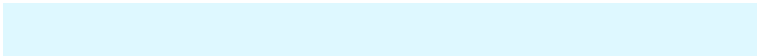
21.4041, 0.3127, 0.3290

Same Dimension

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



89.6247, 0.2956, 0.3229



89.8061, 0.2926, 0.3218



81.6121, 0.2954, 0.3089



19.7832, 0.2980, 0.3238



25.6982, 0.2051, 0.2585



2.6586, 0.2076, 0.2675

Inverse Universe

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



81.4573, 0.3179, 0.3074



80.1947, 0.3189, 0.3035



91.3755, 0.3302, 0.3483



18.2299, 0.3171, 0.3105



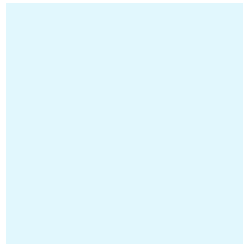
13.3222, 0.3839, 0.1888



1.3129, 0.3752, 0.1841

Previews

White Background



This preview shows how the Yxy color 89.6209, 0.2956, 0.3229 looks on a white background.

Color Contrast Check

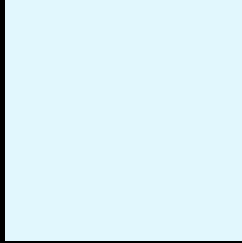
Large Text (above 18pt) WCAG AA × Fail

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 89.6209, 0.2956, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

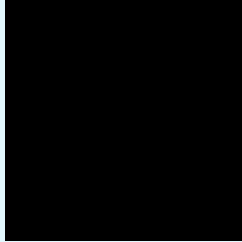
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.6209, 0.2956, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 89.6209, 0.2956, 0.3229.

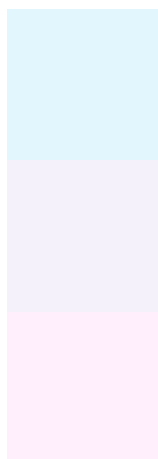


This preview shows how white text looks on a background with the Yxy color 89.6209, 0.2956, 0.3229.

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

89.6209, 0.2956, 0.3229

Protanopia

89.2252, 0.3099, 0.3201

Deuteranopia

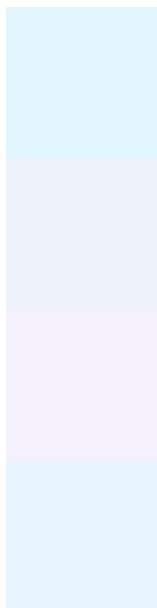
89.3741, 0.3159, 0.3165



Tritanopia

89.4138, 0.2999, 0.3180

Trichromacy



Original Color

89.6209, 0.2956, 0.3229

Protanomaly

89.2434, 0.3048, 0.3210

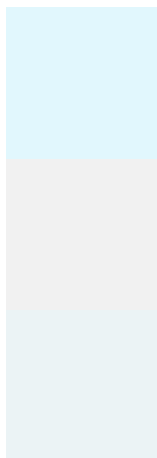
Deuteranomaly

89.1720, 0.3080, 0.3182

Tritanomaly

89.4495, 0.2987, 0.3199

Monochromacy



Original Color

89.6209, 0.2956, 0.3229

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.3559, 0.3064, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6209, 0.2956, 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, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(225, 247, 253)  
}
```

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, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 253) }
```

Border

The CSS property to change the border of an element to Yxy 89.6209, 0.2956, 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, 247, 253) }
```

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

```
.border{ border-color:rgb(225, 247, 253) }
```

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

Here you see how a box with a 4 pixel rgb(225, 247, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(225, 247,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6209, 0.2956, 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, 247, 253) }
```

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

```
.background{ background-color: rgb(225,  
247, 253) }
```

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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