

Converting Colors

$Yxy(77.5073, 0.2911, 0.3117)$

Have a look what the booklet for
Yxy(77.5073, 0.2911, 0.3117)
contains.

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Color

Yxy(77.3061, 0.2905, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	D4E6F7
RGB	212, 230, 247
RGB Percent	83%, 90%, 97%
CMY	0.1687, 0.0980, 0.0314
CMYK	0.14, 0.07, 0.00, 0.03
HSL	209°, 69%, 90%
HSV	209°, 14%, 97%
XYZ	72.2336, 77.3061, 99.1129
YIQ	226.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

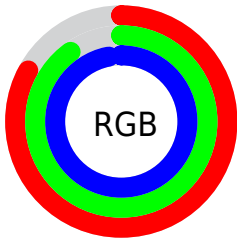
Format	Color
R _Y B	212, 224, 247
Decimal	13952759
CIE Lab	90.46, -2.60, -10.27
CIE LCh	90, 10.599, 255.780
Yxy	77.3061, 0.2905, 0.3109
Android (android.graphics.Color)	4292142839 (0xFFD4E6F7)
YUV	226.5560, 10.0789, -12.7656
Hunter-Lab	87.9239, -7.2207, -5.2884

Details

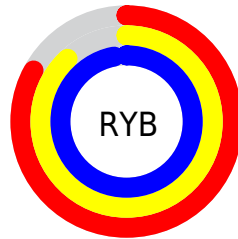
The Yxy color `77.3061, 0.2905, 0.3109` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80.5563, 0.3366, 0.3465`, and the grayscale version is `76.4116, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.5896, 0.2851, 0.3069` is the 20% darker color. If you saturate the color by 10%, you get `67.4703, 0.2743, 0.2964`, and if you desaturate by 10%, it is `88.1687, 0.3063, 0.3240`.

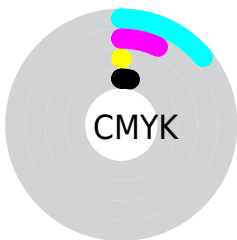
Distribution



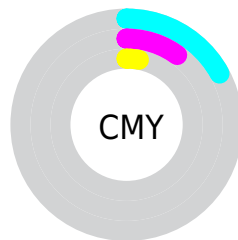
- Red (83%)
- Green (90%)
- Blue (97%)



- Red (83%)
- Yellow (88%)
- Blue (97%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3061, 0.2905, 0.3109 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 77.3061, 0.2905, 0.3109 by changing the saturation by 10% instead.

■ 77.3061, 0.2905,
0.3109

■ 77.3061, 0.2905,
0.3109

485.8070, 0.3006,
0.3192

■ 57.5041, 0.2882,
0.3090

129.5715, 0.2940,
0.3138

■ 41.4101, 0.2854,
0.3067

162.8037, 0.2953,
0.3149

■ 28.6397, 0.2819,
0.3038

201.2814, 0.2965,
0.3159

■ 18.8084, 0.2774,
0.3000

245.3891, 0.2975,
0.3167

■ 11.5319, 0.2714,
0.2949

295.5111, 0.2984,
0.3174

■ 6.4258, 0.2628,
0.2875

352.0319, 0.2993,

■ 3.1057, 0.2498,

0.3181

0.2763

415.3357, 0.3000,
0.3187

■ 1.1872, 0.2280,
0.2571

■ 0.0512, 0.0000,
0.0620

■ 77.3061, 0.2905,
0.3109

■ 77.3061, 0.2905,
0.3109

■ 67.4703, 0.2743,
0.2964

■ 88.1687, 0.3063,
0.3240

■ 58.6171, 0.2579,
0.2805

■ 98.8497, 0.3174,
0.3357

■ 50.7129, 0.2417,
0.2633

■ 99.4957, 0.3173,
0.3367

■ 43.7180, 0.2263,
0.2451

■ 37.5896, 0.2120,
0.2261

■ 32.2800, 0.1996,
0.2069

■ 27.7353, 0.1893,
0.1880

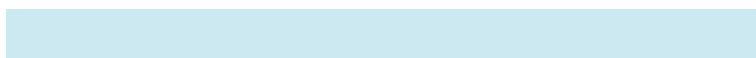
■ 23.8916, 0.1814,
0.1698

■ 21.9270, 0.1777,
0.1597

Harmonies

Analogous

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



77.3061, 0.2888, 0.3190



77.3061, 0.2905, 0.3109



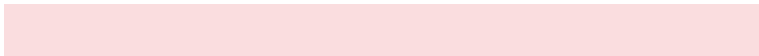
77.3061, 0.2981, 0.3078

Triad

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



77.3061, 0.2905, 0.3109



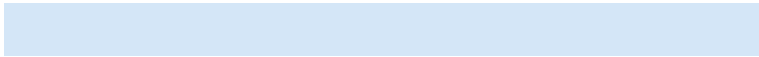
77.3061, 0.3325, 0.3275



77.3061, 0.3154, 0.3488

Complementary

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



77.3061, 0.2905, 0.3109



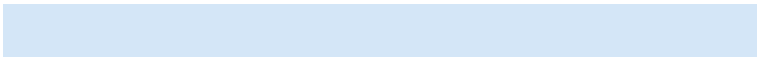
80.5563, 0.3366, 0.3465

Split Complementary

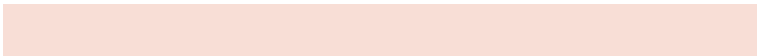
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3061, 0.3273, 0.3509



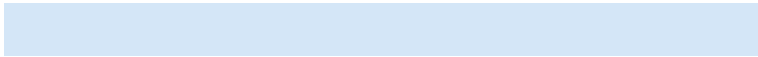
77.3061, 0.2905, 0.3109



77.3061, 0.3373, 0.3383

Square

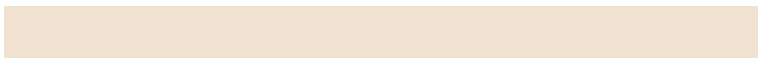
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3061, 0.2905, 0.3109



77.3061, 0.3223, 0.3173



77.3061, 0.3353, 0.3469



77.3061, 0.3030, 0.3412

Rectangle

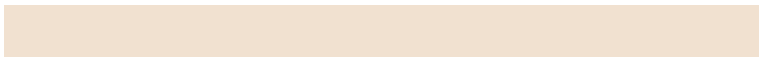
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



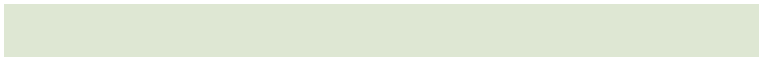
77.3061, 0.2905, 0.3109



77.3061, 0.3055, 0.3088



77.3061, 0.3353, 0.3469



77.3061, 0.3196, 0.3502

Sweetspot

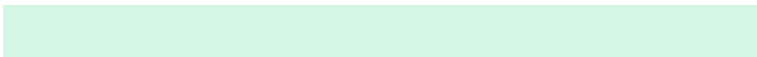
The Sweet Spot groups the original color and five complimentary colors.



77.3093, 0.2905, 0.3109



94.9986, 0.3066, 0.3242



86.1717, 0.3012, 0.3482



20.1366, 0.3054, 0.3232



0.0000, 0.0000, 0.0000



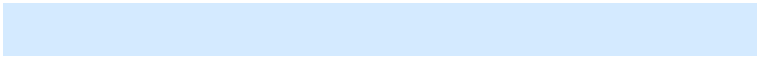
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3093, 0.2905, 0.3109



79.9885, 0.2859, 0.3069



68.0828, 0.2899, 0.2918



17.3373, 0.2980, 0.3172



11.8819, 0.1785, 0.1626



1.2501, 0.1847, 0.1848

Inverse Universe

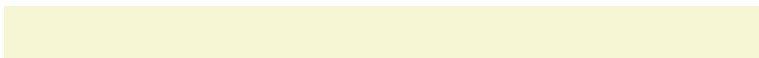
The Inverse Universe completely reimagines the original color for something new.



72.5686, 0.3261, 0.3106



74.1104, 0.3293, 0.3068



90.6959, 0.3341, 0.3636



16.6249, 0.3213, 0.3169



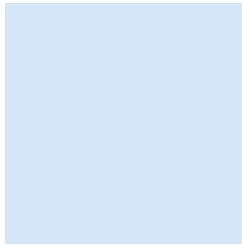
11.2989, 0.4898, 0.2472



1.0138, 0.4629, 0.2323

Previews

White Background



This preview shows how the Yxy color 77.3061, 0.2905, 0.3109 looks on a white background.

Color Contrast Check

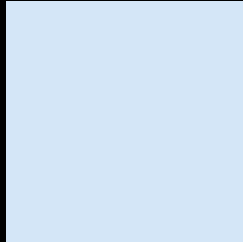
Large Text (above 18pt) WCAG AA × Fail

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 77.3061, 0.2905, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

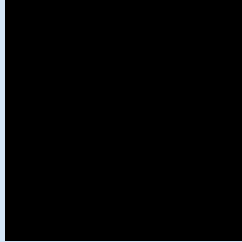
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

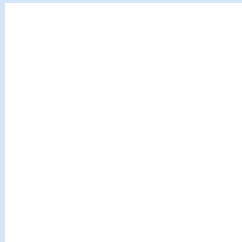
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3061, 0.2905, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 77.3061, 0.2905, 0.3109.



This preview shows how white text looks on a background with the Yxy color 77.3061, 0.2905, 0.3109.

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

77.3061, 0.2905, 0.3109

Protanopia

77.1540, 0.3007, 0.3092

Deuteranopia

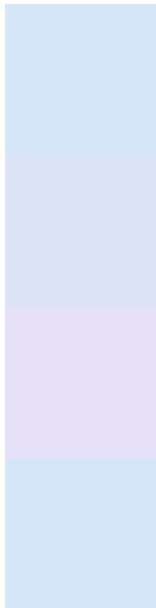
77.0777, 0.3078, 0.3007



Tritanopia

77.3680, 0.2899, 0.3099

Trichromacy



Original Color

77.3061, 0.2905, 0.3109

Protanomaly

76.9641, 0.2968, 0.3090

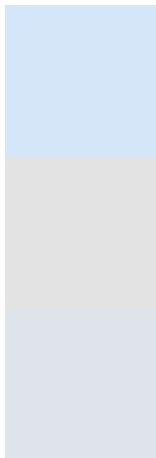
Deuteranomaly

76.9116, 0.3016, 0.3043

Tritanomaly

77.3680, 0.2899, 0.3099

Monochromacy



Original Color

77.3061, 0.2905, 0.3109

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9569, 0.3049, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3061, 0.2905, 0.3109 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(212, 230, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 230, 247)  
}
```

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(212, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 230, 247) }
```

Border

The CSS property to change the border of an element to Yxy 77.3061, 0.2905, 0.3109 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(212, 230, 247) }
```

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

```
.border{ border-color:rgb(212, 230, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 230, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 230,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3061, 0.2905, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 230, 247) }
```

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

```
.background{ background-color: rgb(212,  
230, 247) }
```

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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