

Converting Colors

$Yxy(76.2228, 0.2888, 0.3075)$

Have a look what the booklet for
Yxy(76.2228, 0.2888, 0.3075)
contains.

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Color

Yxy(76.1130, 0.2892, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	D3E4F8
RGB	211, 228, 248
RGB Percent	83%, 89%, 97%
CMY	0.1727, 0.1058, 0.0275
CMYK	0.15, 0.08, 0.00, 0.03
HSL	212°, 73%, 90%
HSV	212°, 15%, 97%
XYZ	71.5368, 76.1130, 99.7112
YIQ	225.1970, -16.5520, 2.6160

Conversions

Conversions Part 2

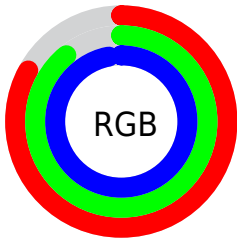
Format	Color
R _Y B	211, 223, 248
Decimal	13886712
CIE Lab	89.91, -1.70, -11.61
CIE LCh	90, 11.736, 261.660
Yxy	76.1130, 0.2892, 0.3077
Android (android.graphics.Color)	4292076792 (0xFFD3E4F8)
YUV	225.1970, 11.2419, -12.4508
Hunter-Lab	87.2428, -6.3094, -6.6936

Details

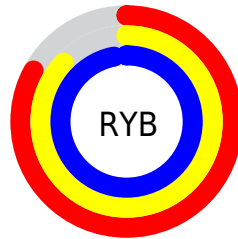
The Yxy color **76.1130, 0.2892, 0.3077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.7544, 0.3377, 0.3494**, and the grayscale version is **75.3663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7608, 0.2835, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **65.6599, 0.2727, 0.2914**, and if you desaturate by 10%, it is **87.7059, 0.3051, 0.3224**.

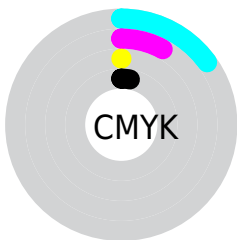
Distribution



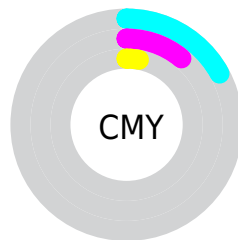
- Red (83%)
- Green (89%)
- Blue (97%)



- Red (83%)
- Yellow (87%)
- Blue (97%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1130, 0.2892, 0.3077 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 76.1130, 0.2892, 0.3077 by changing the saturation by 10% instead.

■ 76.1130, 0.2892,
0.3077

■ 76.1130, 0.2892,
0.3077

481.7344, 0.2999,
0.3175

■ 56.5252, 0.2868,
0.3055

127.8866, 0.2929,
0.3111

■ 40.6241, 0.2838,
0.3028

160.8412, 0.2943,
0.3124

■ 28.0255, 0.2801,
0.2993

199.0202, 0.2956,
0.3135

■ 18.3449, 0.2753,
0.2949

242.8079, 0.2967,
0.3145

■ 11.1979, 0.2688,
0.2888

292.5888, 0.2976,
0.3154

■ 6.2001, 0.2596,
0.2803

348.7473, 0.2985,

■ 2.9671, 0.2456,

0.3162

0.2672

411.6677, 0.2993,
0.3169

■ 1.1146, 0.2222,
0.2448

■ 0.0000, 0.0000,
0.0000

■ 76.1130, 0.2892,
0.3077

■ 76.1130, 0.2892,
0.3077

■ 65.6599, 0.2727,
0.2914

■ 87.7059, 0.3051,
0.3224

■ 56.2985, 0.2558,
0.2735

■ 99.3987, 0.3168,
0.3355

■ 47.9910, 0.2391,
0.2542

■ 99.5561, 0.3168,
0.3357

■ 40.6932, 0.2230,
0.2337

■ 34.3575, 0.2081,
0.2125

■ 28.9309, 0.1950,
0.1913

■ 24.3541, 0.1843,
0.1706

■ 20.5563, 0.1761,
0.1511

■ 18.8838, 0.1728,
0.1419

Harmonies

Analogous

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



76.1130, 0.2859, 0.3157



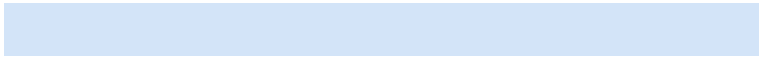
76.1130, 0.2892, 0.3077



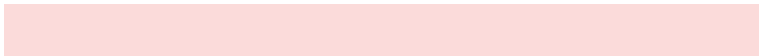
76.1130, 0.2987, 0.3055

Triad

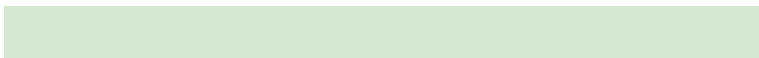
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1130, 0.2892, 0.3077



76.1130, 0.3363, 0.3297



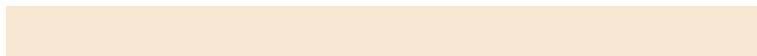
76.1130, 0.3129, 0.3499

Complementary

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



76.1130, 0.2892, 0.3077



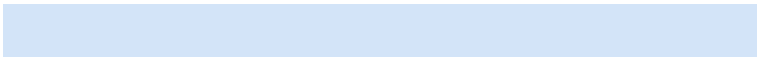
81.7544, 0.3377, 0.3494

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.



76.1130, 0.3265, 0.3535



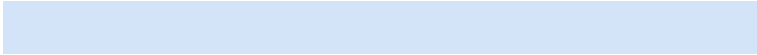
76.1130, 0.2892, 0.3077



76.1130, 0.3403, 0.3414

Square

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



76.1130, 0.2892, 0.3077



76.1130, 0.3259, 0.3180



76.1130, 0.3366, 0.3502



76.1130, 0.2994, 0.3403

Rectangle

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



76.1130, 0.2892, 0.3077



76.1130, 0.3074, 0.3074



76.1130, 0.3366, 0.3502



76.1130, 0.3176, 0.3519

Sweetspot

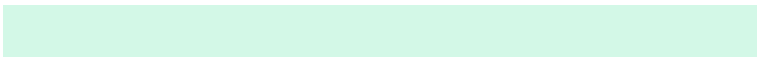
The Sweet Spot groups the original color and five complimentary colors.



76.1162, 0.2892, 0.3077



94.6589, 0.3066, 0.3236



86.7171, 0.2995, 0.3473



20.0507, 0.3054, 0.3226



0.0000, 0.0000, 0.0000



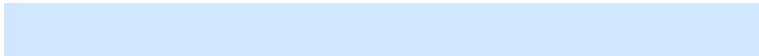
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1162, 0.2892, 0.3077



77.5287, 0.2841, 0.3028



67.3638, 0.2893, 0.2891



17.9617, 0.2979, 0.3159



10.4765, 0.1736, 0.1448



1.1798, 0.1798, 0.1673

Inverse Universe

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



72.1189, 0.3283, 0.3116



72.6378, 0.3322, 0.3078



91.5519, 0.3343, 0.3662



17.3584, 0.3221, 0.3181



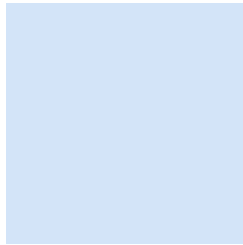
11.4685, 0.5128, 0.2598



1.0833, 0.4840, 0.2440

Previews

White Background



This preview shows how the Yxy color 76.1130, 0.2892, 0.3077 looks on a white background.

Color Contrast Check

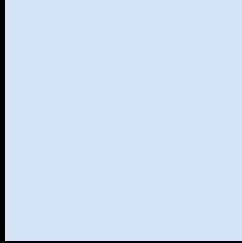
Large Text (above 18pt) WCAG AA × Fail

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 76.1130, 0.2892, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

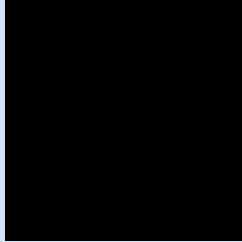
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

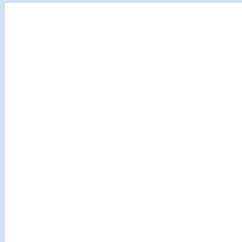
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1130, 0.2892, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 76.1130, 0.2892, 0.3077.



This preview shows how white text looks on a background with the Yxy color 76.1130, 0.2892, 0.3077.

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

76.1130, 0.2892, 0.3077

Protanopia

75.8124, 0.2988, 0.3060

Deuteranopia

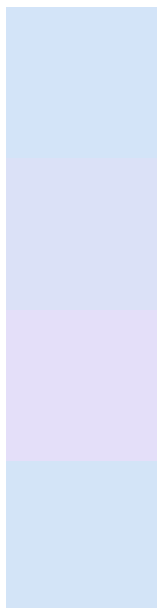
76.0931, 0.3051, 0.2985



Tritanopia

75.9895, 0.2904, 0.3097

Trichromacy



Original Color

76.1130, 0.2892, 0.3077

Protanomaly

75.6259, 0.2949, 0.3058

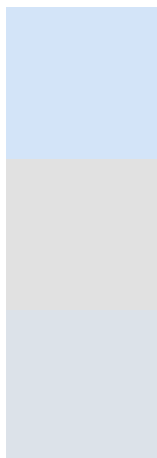
Deuteranomaly

76.1089, 0.2996, 0.3021

Tritanomaly

76.0511, 0.2898, 0.3087

Monochromacy



Original Color

76.1130, 0.2892, 0.3077

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4915, 0.3042, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1130, 0.2892, 0.3077 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(211, 228, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 248)  
}
```

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(211, 228, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 248) }
```

Border

The CSS property to change the border of an element to Yxy 76.1130, 0.2892, 0.3077 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(211, 228, 248) }
```

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

```
.border{ border-color:rgb(211, 228, 248) }
```

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

Here you see how a box with a 4 pixel rgb(211, 228, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1130, 0.2892, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 248) }
```

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

```
.background{ background-color: rgb(211,  
228, 248) }
```

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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