

Converting Colors

$Yxy(75.9986, 0.2802, 0.3125)$

Have a look what the booklet for
Yxy(75.9986, 0.2802, 0.3125)
contains.

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Color

Yxy(76.0307, 0.2802, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	C3E8F7
RGB	195, 232, 247
RGB Percent	76%, 91%, 97%
CMY	0.2349, 0.0903, 0.0313
CMYK	0.21, 0.06, 0.00, 0.03
HSL	197°, 76%, 87%
HSV	197°, 21%, 97%
XYZ	68.1722, 76.0307, 99.0954
YIQ	222.6470, -26.8670, -3.1790

Conversions

Conversions Part 2

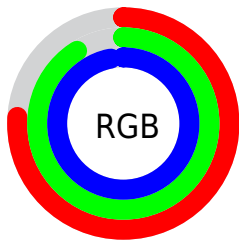
Format	Color
R _Y B	195, 217, 247
Decimal	12839159
CIE Lab	89.87, -8.78, -11.28
CIE LCh	90, 14.294, 232.088
Yxy	76.0307, 0.2802, 0.3125
Android (android.graphics.Color)	4291029239 (0xFFC3E8F7)
YUV	222.6470, 12.0060, -24.2464
Hunter-Lab	87.1956, -13.0355, -6.3445

Details

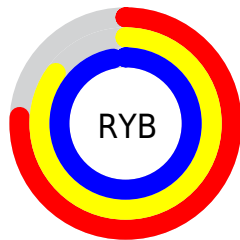
The Yxy color **76.0307, 0.2802, 0.3125** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8874, 0.3519, 0.3449**, and the grayscale version is **73.4704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **40.3877, 0.2722, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **69.0616, 0.2651, 0.3035**, and if you desaturate by 10%, it is **83.7145, 0.2956, 0.3208**.

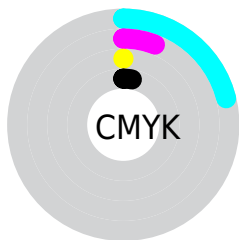
Distribution



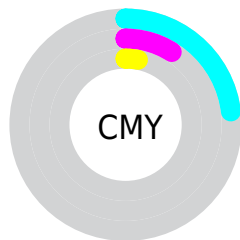
- Red (76%)
- Green (91%)
- Blue (97%)



- Red (76%)
- Yellow (85%)
- Blue (97%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0307, 0.2802, 0.3125 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 76.0307, 0.2802, 0.3125 by changing the saturation by 10% instead.

■ 76.0307, 0.2802,
0.3125

■ 76.0307, 0.2802,
0.3125

■ 481.4528, 0.2950,
0.3202

■ 56.4577, 0.2769,
0.3107

■ 127.7703, 0.2853,
0.3152

■ 40.5700, 0.2728,
0.3085

■ 160.7057, 0.2873,
0.3162

■ 27.9832, 0.2678,
0.3057

■ 198.8640, 0.2890,
0.3171

■ 18.3130, 0.2612,
0.3020

■ 242.6295, 0.2905,
0.3179

■ 11.1750, 0.2524,
0.2969

■ 292.3868, 0.2918,
0.3186

■ 6.1846, 0.2401,
0.2896

■ 348.5202, 0.2930,

■ 2.9577, 0.2217,

0.3192

0.2780

411.4140, 0.2940,
0.3198

■ 1.1097, 0.1913,
0.2575

■ 0.0000, 0.0000,
0.0000

■ 76.0307, 0.2802,
0.3125

■ 76.0307, 0.2802,
0.3125

■ 69.0616, 0.2651,
0.3035

■ 83.7145, 0.2956,
0.3208

■ 62.7692, 0.2508,
0.2938

■ 92.1306, 0.3111,
0.3283

■ 57.1256, 0.2375,
0.2835

■ 98.5122, 0.3174,
0.3352

■ 52.0971, 0.2256,
0.2728

■ 99.4968, 0.3173,
0.3366

■ 47.6460, 0.2155,
0.2618

■ 43.7293, 0.2073,
0.2507

■ 40.2960, 0.2012,
0.2397

■ 37.5529, 0.1972,
0.2299

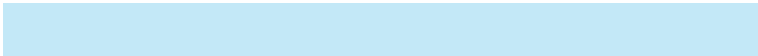
Harmonies

Analogous

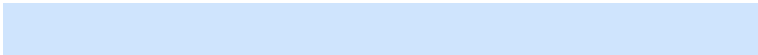
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0307, 0.2845, 0.3270



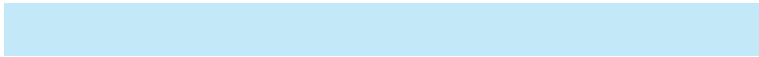
76.0307, 0.2802, 0.3125



76.0307, 0.2843, 0.3030

Triad

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



76.0307, 0.2802, 0.3125



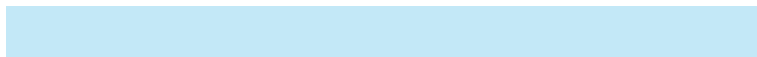
76.0307, 0.3290, 0.3158



76.0307, 0.3293, 0.3590

Complementary

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



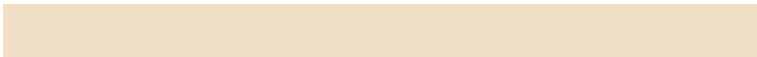
76.0307, 0.2802, 0.3125



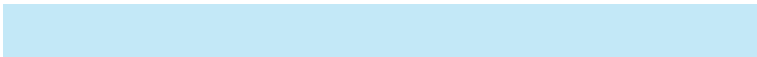
69.8874, 0.3519, 0.3449

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.



76.0307, 0.3417, 0.3549



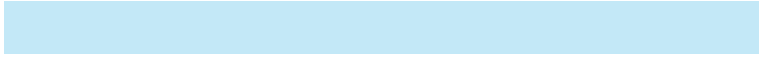
76.0307, 0.2802, 0.3125



76.0307, 0.3417, 0.3299

Square

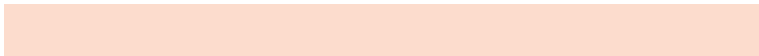
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0307, 0.2802, 0.3125



76.0307, 0.3121, 0.3052



76.0307, 0.3464, 0.3442



76.0307, 0.3126, 0.3545

Rectangle

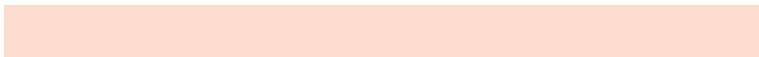
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



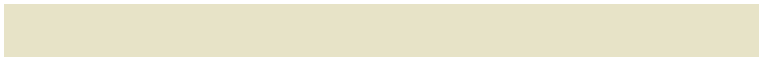
76.0307, 0.2802, 0.3125



76.0307, 0.2913, 0.3005



76.0307, 0.3464, 0.3442



76.0307, 0.3341, 0.3585

Sweetspot

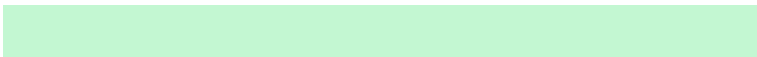
The Sweet Spot groups the original color and five complimentary colors.



76.0338, 0.2802, 0.3125



94.4170, 0.3034, 0.3246



82.7948, 0.3016, 0.3705



20.0828, 0.3024, 0.3241



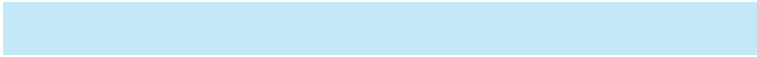
0.0000, 0.0000, 0.0000



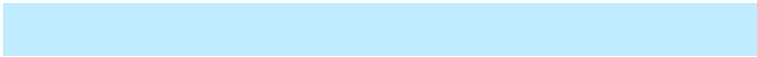
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0338, 0.2802, 0.3125



78.6250, 0.2741, 0.3090



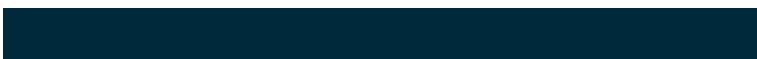
62.6438, 0.2782, 0.2835



17.8992, 0.2980, 0.3220



20.1127, 0.1977, 0.2317



1.9439, 0.2015, 0.2454

Inverse Universe

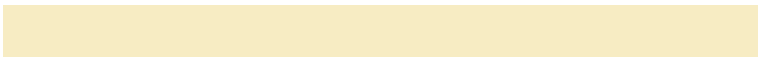
The Inverse Universe completely reimagines the original color for something new.



64.6786, 0.3262, 0.2912



64.7177, 0.3294, 0.2837



83.5833, 0.3467, 0.3707



16.6817, 0.3182, 0.3123



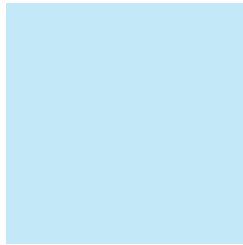
12.1298, 0.4108, 0.2037



1.0839, 0.3968, 0.1960

Previews

White Background



This preview shows how the Yxy color 76.0307, 0.2802, 0.3125 looks on a white background.

Color Contrast Check

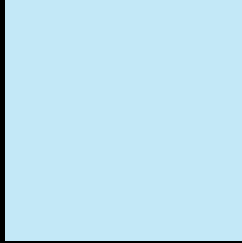
Large Text (above 18pt) WCAG AA × Fail

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 76.0307, 0.2802, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

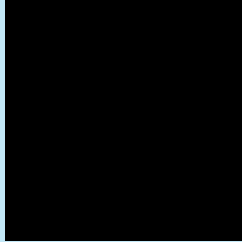
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0307, 0.2802, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 76.0307, 0.2802, 0.3125.

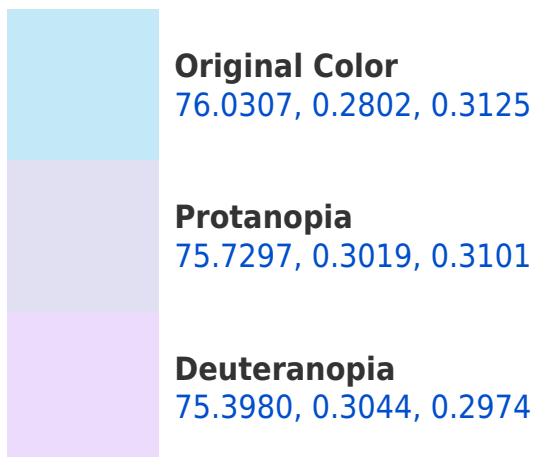


This preview shows how white text looks on a background with the Yxy color 76.0307, 0.2802, 0.3125.

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

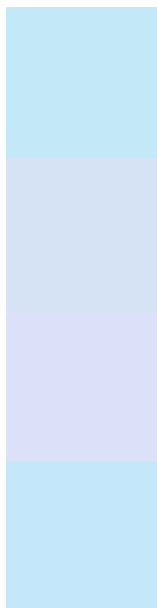




Tritanopia

76.3511, 0.2791, 0.3094

Trichromacy



Original Color

76.0307, 0.2802, 0.3125

Protanomaly

75.7660, 0.2935, 0.3109

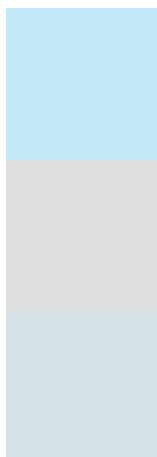
Deuteranomaly

75.5230, 0.2950, 0.3028

Tritanomaly

76.2885, 0.2797, 0.3105

Monochromacy



Original Color

76.0307, 0.2802, 0.3125

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.3650, 0.3001, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0307, 0.2802, 0.3125 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(195, 232, 247)` looks like.

```
.text, #text, p{  
    color:rgb(195, 232, 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(195, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 232, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.0307, 0.2802, 0.3125 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(195, 232, 247) }
```

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

```
.border{ border-color:rgb(195, 232, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 232, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 232, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 232, 247);  
box-shadow:4px 4px 4px 4px rgb(195, 232,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0307, 0.2802, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 232, 247) }
```

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

```
.background{ background-color: rgb(195,  
232, 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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