

Converting Colors

$Yxy(76.1751, 0.2868, 0.3105)$

Have a look what the booklet for
Yxy(76.1751, 0.2868, 0.3105)
contains.

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Color

Yxy(76.4308, 0.2867, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	CEE6F7
RGB	206, 230, 247
RGB Percent	81%, 90%, 97%
CMY	0.1924, 0.0980, 0.0313
CMYK	0.17, 0.07, 0.00, 0.03
HSL	205°, 72%, 89%
HSV	205°, 17%, 97%
XYZ	70.5269, 76.4308, 99.0378
YIQ	224.7620, -19.7610, 0.1990

Conversions

Conversions Part 2

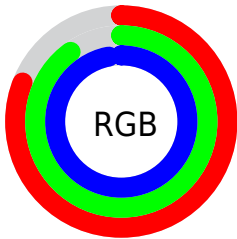
Format	Color
R _Y B	206, 221, 247
Decimal	13559543
CIE Lab	90.06, -4.49, -10.92
CIE LCh	90, 11.806, 247.662
Yxy	76.4308, 0.2867, 0.3107
Android (android.graphics.Color)	4291749623 (0xFFCEE6F7)
YUV	224.7620, 10.9633, -16.4543
Hunter-Lab	87.4247, -8.9944, -5.9685

Details

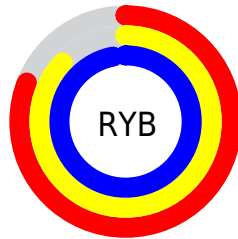
The Yxy color **76.4308, 0.2867, 0.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9666, 0.3417, 0.3466**, and the grayscale version is **75.0410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0008, 0.2804, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **67.6511, 0.2708, 0.2981**, and if you desaturate by 10%, it is **86.1056, 0.3025, 0.3221**.

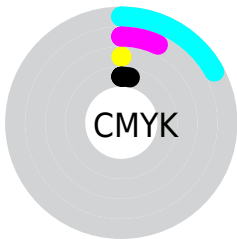
Distribution



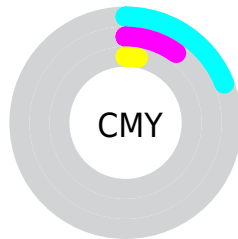
- Red (81%)
- Green (90%)
- Blue (97%)



- Red (81%)
- Yellow (87%)
- Blue (97%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4308, 0.2867, 0.3107 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 76.4308, 0.2867, 0.3107 by changing the saturation by 10% instead.

■ 76.4308, 0.2867,
0.3107

■ 76.4308, 0.2867,
0.3107

482.8211, 0.2985,
0.3192

■ 56.7858, 0.2840,
0.3088

128.3357, 0.2908,
0.3136

■ 40.8333, 0.2808,
0.3064

161.3644, 0.2924,
0.3148

■ 28.1889, 0.2767,
0.3034

199.6231, 0.2937,
0.3158

■ 18.4681, 0.2714,
0.2995

243.4963, 0.2949,
0.3166

■ 11.2866, 0.2643,
0.2941

293.3683, 0.2960,
0.3174

■ 6.2599, 0.2543,
0.2865

349.6235, 0.2970,

■ 3.0038, 0.2392,

0.3180

0.2747

412.6463, 0.2978,
0.3186

1.1337, 0.2139,
0.2543

0.0065, 0.0000,
0.0084

76.4308, 0.2867,
0.3107

76.4308, 0.2867,
0.3107

67.6511, 0.2708,
0.2981

86.1056, 0.3025,
0.3221

59.7257, 0.2550,
0.2844

96.6311, 0.3176,
0.3323

52.6238, 0.2398,
0.2697

99.4960, 0.3173,
0.3366

46.3090, 0.2256,
0.2542

■ 40.7414, 0.2128,
0.2381

■ 35.8763, 0.2019,
0.2218

■ 31.6623, 0.1931,
0.2057

■ 28.0361, 0.1866,
0.1900

■ 26.9146, 0.1847,
0.1849

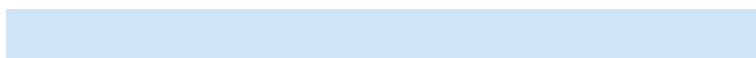
Harmonies

Analogous

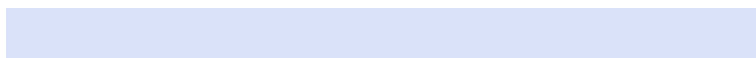
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4308, 0.2867, 0.3209



76.4308, 0.2867, 0.3107



76.4308, 0.2935, 0.3056

Triad

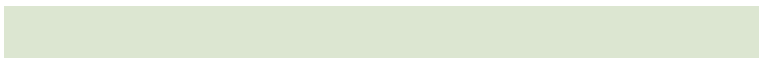
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4308, 0.2867, 0.3107



76.4308, 0.3322, 0.3240



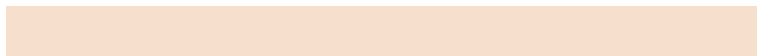
76.4308, 0.3195, 0.3526

Complementary

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



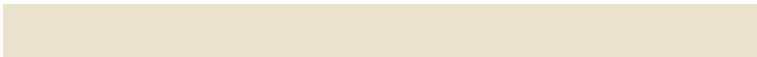
76.4308, 0.2867, 0.3107



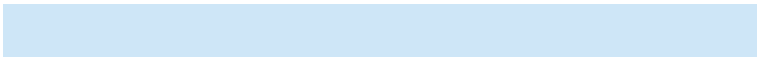
76.9666, 0.3417, 0.3466

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.



76.4308, 0.3320, 0.3529



76.4308, 0.2867, 0.3107



76.4308, 0.3395, 0.3361

Square

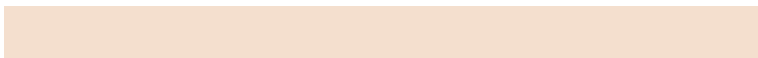
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4308, 0.2867, 0.3107



76.4308, 0.3197, 0.3134



76.4308, 0.3394, 0.3468



76.4308, 0.3054, 0.3455

Rectangle

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



76.4308, 0.2867, 0.3107



76.4308, 0.3011, 0.3057



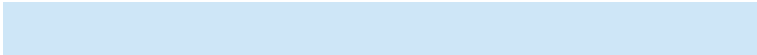
76.4308, 0.3394, 0.3468



76.4308, 0.3240, 0.3535

Sweetspot

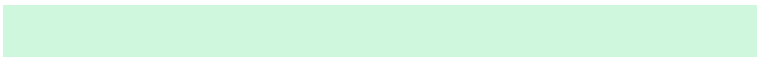
The Sweet Spot groups the original color and five complimentary colors.



76.4340, 0.2867, 0.3107



94.3424, 0.3050, 0.3238



84.9343, 0.3012, 0.3556



20.0272, 0.3039, 0.3231



0.0000, 0.0000, 0.0000



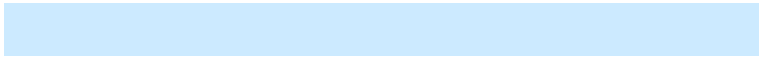
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4340, 0.2867, 0.3107



78.8477, 0.2813, 0.3066



65.9452, 0.2857, 0.2886



17.5415, 0.2980, 0.3190



14.5198, 0.1854, 0.1874



1.4785, 0.1908, 0.2069

Inverse Universe

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



69.6036, 0.3267, 0.3044



70.3807, 0.3301, 0.2991



88.2722, 0.3384, 0.3665



16.6455, 0.3202, 0.3152



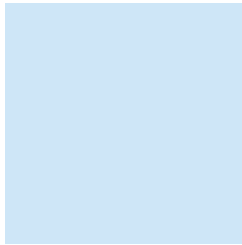
11.5652, 0.4597, 0.2306



1.0369, 0.4375, 0.2184

Previews

White Background



This preview shows how the Yxy color 76.4308, 0.2867, 0.3107 looks on a white background.

Color Contrast Check

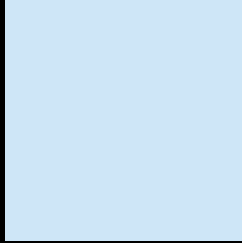
Large Text (above 18pt) WCAG AA × Fail

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 76.4308, 0.2867, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

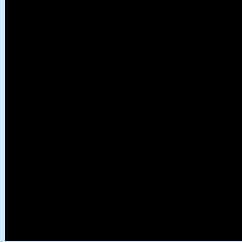
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

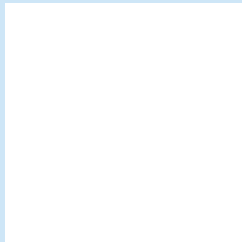
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4308, 0.2867, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 76.4308, 0.2867, 0.3107.



This preview shows how white text looks on a background with the Yxy color 76.4308, 0.2867, 0.3107.

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

76.4308, 0.2867, 0.3107

Protanopia

76.3896, 0.3007, 0.3091

Deuteranopia

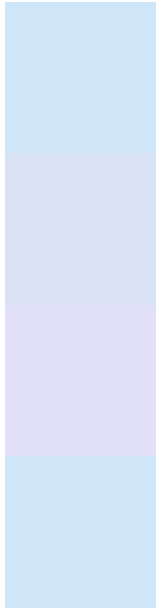
76.2031, 0.3064, 0.2996



Tritanopia

76.4928, 0.2862, 0.3096

Trichromacy



Original Color

76.4308, 0.2867, 0.3107

Protanomaly

76.4362, 0.2955, 0.3100

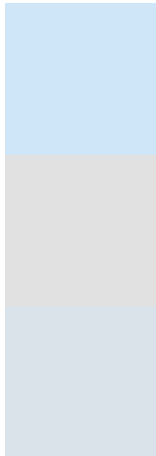
Deuteranomaly

76.2574, 0.2989, 0.3041

Tritanomaly

76.4928, 0.2862, 0.3096

Monochromacy



Original Color

76.4308, 0.2867, 0.3107

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7268, 0.3028, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4308, 0.2867, 0.3107 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(206, 230, 247)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.4308, 0.2867, 0.3107 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(206, 230, 247) }
```

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

```
.border{ border-color:rgb(206, 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(206, 230, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4308, 0.2867, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 247) }
```

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

```
.background{ background-color: rgb(206,  
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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