

Converting Colors

$Yxy(72.0110, 0.2811, 0.3019)$

Have a look what the booklet for
Yxy(72.0110, 0.2811, 0.3019)
contains.

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Color

Yxy(72.2307, 0.2815, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	C7E0F8
RGB	199, 224, 248
RGB Percent	78%, 88%, 97%
CMY	0.2192, 0.1216, 0.0274
CMYK	0.20, 0.10, 0.00, 0.03
HSL	209°, 78%, 88%
HSV	209°, 20%, 97%
XYZ	67.1719, 72.2307, 99.2188
YIQ	219.2610, -22.6040, 2.1640

Conversions

Conversions Part 2

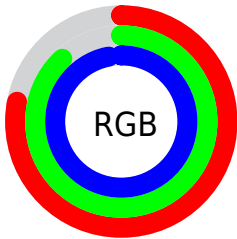
Format	Color
R _{YB}	199, 216, 248
Decimal	13099256
CIE Lab	88.08, -3.25, -14.45
CIE LCh	88, 14.812, 257.326
Yxy	72.2307, 0.2815, 0.3027
Android (android.graphics.Color)	4291289336 (0xFFC7E0F8)
YUV	219.2610, 14.1683, -17.7689
Hunter-Lab	84.9886, -7.6502, -9.7252

Details

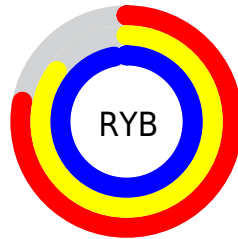
The Yxy color **72.2307, 0.2815, 0.3027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9317, 0.3472, 0.3539**, and the grayscale version is **70.9530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1110, 0.2736, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **62.7948, 0.2651, 0.2872**, and if you desaturate by 10%, it is **82.6949, 0.2976, 0.3167**.

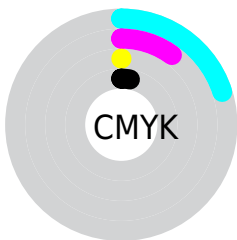
Distribution



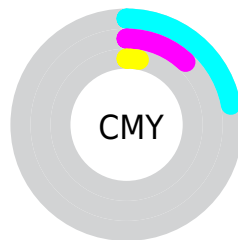
- Red (78%)
- Green (88%)
- Blue (97%)



- Red (78%)
- Yellow (85%)
- Blue (97%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2307, 0.2815, 0.3027 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 72.2307, 0.2815, 0.3027 by changing the saturation by 10% instead.

■ 72.2307, 0.2815,
0.3027

■ 72.2307, 0.2815,
0.3027

468.3442, 0.2958,
0.3149

■ 53.3472, 0.2783,
0.2999

122.3845, 0.2865,
0.3069

■ 38.0800, 0.2743,
0.2965

154.4235, 0.2884,
0.3086

■ 26.0448, 0.2692,
0.2921

191.6164, 0.2900,
0.3100

■ 16.8571, 0.2627,
0.2864

234.3477, 0.2915,
0.3112

■ 10.1327, 0.2539,
0.2786

283.0018, 0.2928,
0.3123

■ 5.4870, 0.2414,
0.2675

337.9629, 0.2939,

■ 2.5357, 0.2225,

0.3133

0.2503

399.6156, 0.2949,
0.3141

0.8945, 0.1903,
0.2208

0.0000, 0.0000,
0.0000

72.2307, 0.2815,
0.3027

72.2307, 0.2815,
0.3027

62.7948, 0.2651,
0.2872

82.6949, 0.2976,
0.3167

54.3418, 0.2487,
0.2703

94.2128, 0.3131,
0.3293

46.8356, 0.2328,
0.2523

99.5582, 0.3168,
0.3357

40.2340, 0.2179,
0.2334

■ 34.4908, 0.2045,
0.2140

■ 29.5543, 0.1931,
0.1946

■ 25.3645, 0.1841,
0.1759

■ 21.8318, 0.1773,
0.1581

■ 21.7411, 0.1771,
0.1577

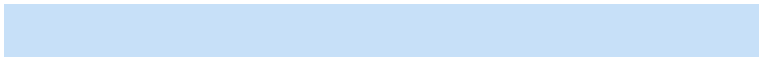
Harmonies

Analogous

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



72.2307, 0.2786, 0.3137



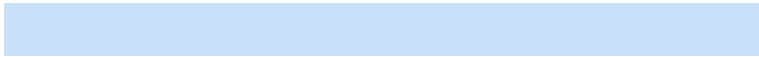
72.2307, 0.2815, 0.3027



72.2307, 0.2925, 0.2989

Triad

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



72.2307, 0.2815, 0.3027



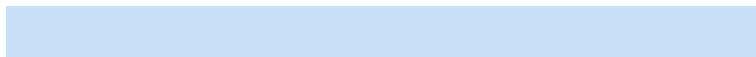
72.2307, 0.3416, 0.3275



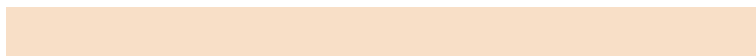
72.2307, 0.3154, 0.3573

Complementary

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



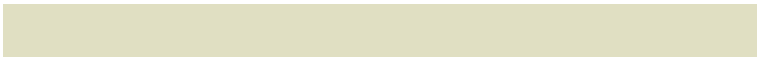
72.2307, 0.2815, 0.3027



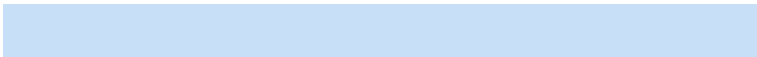
76.9317, 0.3472, 0.3539

Split Complementary

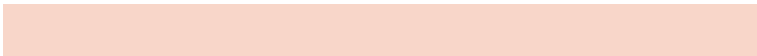
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2307, 0.3326, 0.3605



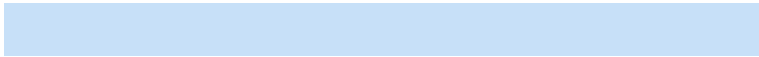
72.2307, 0.2815, 0.3027



72.2307, 0.3481, 0.3427

Square

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



72.2307, 0.2815, 0.3027



72.2307, 0.3272, 0.3131



72.2307, 0.3447, 0.3549



72.2307, 0.2979, 0.3457

Rectangle

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



72.2307, 0.2815, 0.3027



72.2307, 0.3032, 0.3006



72.2307, 0.3447, 0.3549



72.2307, 0.3215, 0.3594

Sweetspot

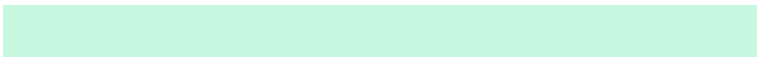
The Sweet Spot groups the original color and five complimentary colors.



72.2337, 0.2815, 0.3027



92.5101, 0.3035, 0.3216



84.6123, 0.2968, 0.3566



19.6318, 0.3024, 0.3208



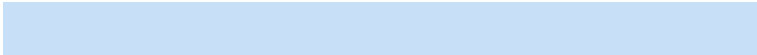
0.0000, 0.0000, 0.0000



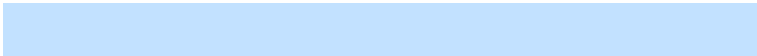
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2337, 0.2815, 0.3027



72.4763, 0.2744, 0.2962



60.2005, 0.2798, 0.2754



18.1028, 0.2980, 0.3170



12.0248, 0.1779, 0.1604



1.3259, 0.1838, 0.1817

Inverse Universe

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



66.2305, 0.3326, 0.3034



65.1871, 0.3380, 0.2975



90.7301, 0.3427, 0.3775



17.3726, 0.3214, 0.3170



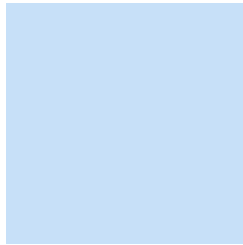
11.6248, 0.4926, 0.2487



1.0981, 0.4665, 0.2343

Previews

White Background



This preview shows how the Yxy color 72.2307, 0.2815, 0.3027 looks on a white background.

Color Contrast Check

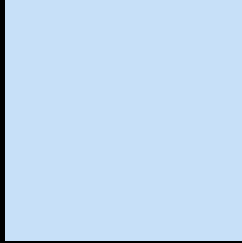
Large Text (above 18pt) WCAG AA × Fail

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 72.2307, 0.2815, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

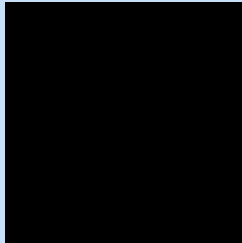
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

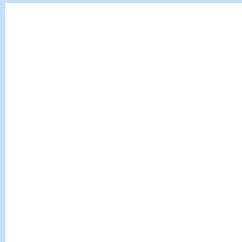
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2307, 0.2815, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 72.2307, 0.2815, 0.3027.

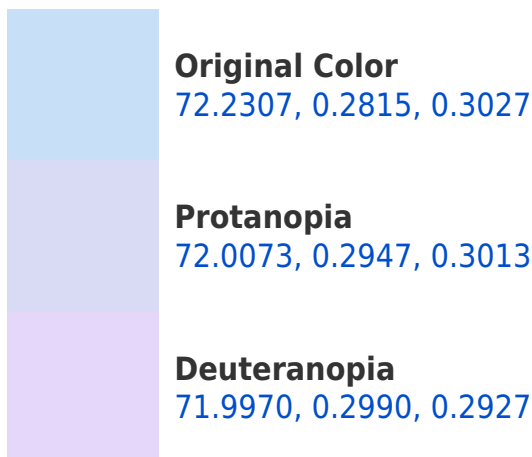


This preview shows how white text looks on a background with the Yxy color 72.2307, 0.2815, 0.3027.

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

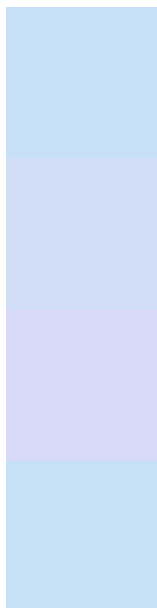




Tritanopia

72.3273, 0.2838, 0.3091

Trichromacy



Original Color

72.2307, 0.2815, 0.3027

Protanomaly

72.0684, 0.2895, 0.3021

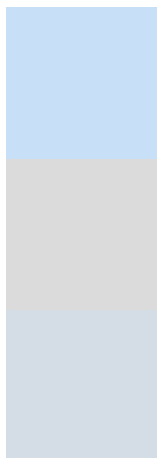
Deuteranomaly

71.7341, 0.2922, 0.2961

Tritanomaly

72.4488, 0.2826, 0.3070

Monochromacy



Original Color

72.2307, 0.2815, 0.3027

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.4231, 0.3007, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2307, 0.2815, 0.3027 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(199, 224, 248)` looks like.

```
.text, #text, p{  
    color:rgb(199, 224, 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(199, 224, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 224, 248) }
```

Border

The CSS property to change the border of an element to Yxy 72.2307, 0.2815, 0.3027 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(199, 224, 248) }
```

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

```
.border{ border-color:rgb(199, 224, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 224, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 224, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 224, 248);  
box-shadow:4px 4px 4px 4px rgb(199, 224,  
248) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2307, 0.2815, 0.3027$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 224, 248) }
```

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

```
.background{ background-color: rgb(199,  
224, 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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