

Converting Colors

Yxy(62.1486, 0.2807, 0.3062)

Have a look what the booklet for
Yxy(62.1486, 0.2807, 0.3062)
contains.

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Color

Yxy(62.3690, 0.2808, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	B7D3E6
RGB	183, 211, 230
RGB Percent	72%, 83%, 90%
CMY	0.2824, 0.1725, 0.0981
CMYK	0.20, 0.08, 0.00, 0.10
HSL	204°, 48%, 81%
HSV	204°, 20%, 90%
XYZ	57.1021, 62.3690, 83.8840
YIQ	204.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

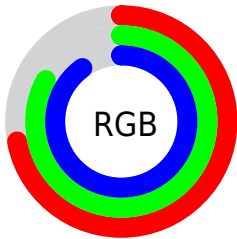
Format	Color
RYB	183, 201, 230
Decimal	12047334
CIELab	83.11, -5.30, -12.47
CIELCh	83, 13.546, 246.982
Yxy	62.3690, 0.2808, 0.3067
Android (android.graphics.Color)	4290237414 (0xFFB7D3E6)
YUV	204.7940, 12.4266, -19.1133
Hunter-Lab	78.9740, -9.1403, -7.6943

Details

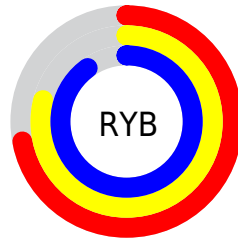
The Yxy color $62.3690, 0.2808, 0.3067$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.4674, 0.3493, 0.3503$, and the grayscale version is $60.8430, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0907, 0.3029, 0.3290$, and $31.8371, 0.2731, 0.3025$ is the 20% darker color. If you saturate the color by 10%, you get $55.2952, 0.2650, 0.2941$, and if you desaturate by 10%, it is $70.1753, 0.2966, 0.3182$.

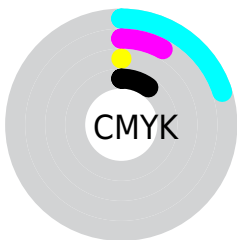
Distribution



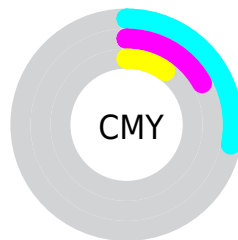
- Red (72%)
- Green (83%)
- Blue (90%)



- Red (72%)
- Yellow (79%)
- Blue (90%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3690, 0.2808, 0.3067 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 62.3690, 0.2808, 0.3067 by changing the saturation by 10% instead.

■ 62.3690, 0.2808,
0.3067

■ 62.3690, 0.2808,
0.3067

433.2758, 0.2958,
0.3174

■ 45.3309, 0.2773,
0.3042

■ 108.2587, 0.2861,
0.3105

■ 31.7182, 0.2730,
0.3010

137.8790, 0.2881,
0.3119

■ 21.1463, 0.2674,
0.2969

172.4623, 0.2898,
0.3132

■ 13.2310, 0.2600,
0.2914

212.3929, 0.2914,
0.3142

■ 7.5878, 0.2499,
0.2837

258.0551, 0.2927,
0.3152

■ 3.8323, 0.2350,
0.2721

309.8334, 0.2939,

■ 1.5802, 0.2112,

0.3160

0.2529

368.1122, 0.2949,
0.3167

0.3442, 0.1089,
0.1895

0.0000, 0.0000,
0.0000

62.3690, 0.2808,
0.3067

62.3690, 0.2808,
0.3067

55.2952, 0.2650,
0.2941

70.1753, 0.2966,
0.3182

48.9196, 0.2496,
0.2804

78.7318, 0.3121,
0.3286

43.2159, 0.2349,
0.2658

88.0648, 0.3270,
0.3378

38.1527, 0.2213,
0.2505

94.2073, 0.3281,
0.3467

■ 33.6957, 0.2093,
0.2348

■ 98.4927, 0.3274,
0.3532

■ 29.8060, 0.1993,
0.2190

■ 26.4380, 0.1915,
0.2034

■ 23.6345, 0.1858,
0.1890

Harmonies

Analogous

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



62.3690, 0.2810, 0.3193



62.3690, 0.2808, 0.3067



62.3690, 0.2889, 0.3005

Triad

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



62.3690, 0.2808, 0.3067



62.3690, 0.3364, 0.3225



62.3690, 0.3213, 0.3582

Complementary

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



62.3690, 0.2808, 0.3067



62.4674, 0.3493, 0.3503

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.



62.3690, 0.3366, 0.3583



62.3690, 0.2808, 0.3067



62.3690, 0.3456, 0.3373

Square

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



62.3690, 0.2808, 0.3067



62.3690, 0.3208, 0.3097



62.3690, 0.3456, 0.3504



62.3690, 0.3040, 0.3496

Rectangle

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



62.3690, 0.2808, 0.3067



62.3690, 0.2981, 0.3004



62.3690, 0.3456, 0.3504



62.3690, 0.3269, 0.3592

Sweetspot

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



62.3715, 0.2808, 0.3067



93.3335, 0.3034, 0.3229



70.9088, 0.2987, 0.3623



19.8265, 0.3024, 0.3222



0.0000, 0.0000, 0.0000



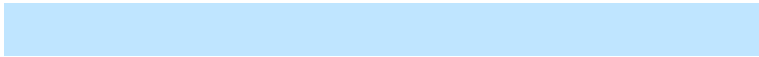
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3715, 0.2808, 0.3067



74.5082, 0.2734, 0.3009



51.6125, 0.2789, 0.2783



15.3088, 0.2981, 0.3193



13.6276, 0.1865, 0.1913



1.1881, 0.1926, 0.2135

Inverse Universe

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



55.3876, 0.3300, 0.2981



64.3021, 0.3350, 0.2907



74.2477, 0.3444, 0.3751



14.5115, 0.3200, 0.3151



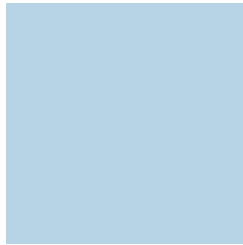
10.5734, 0.4552, 0.2281



0.7996, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 62.3690, 0.2808, 0.3067 looks on a white background.

Color Contrast Check

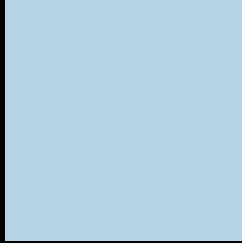
Large Text (above 18pt) WCAG AA × Fail

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 62.3690, 0.2808, 0.3067 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

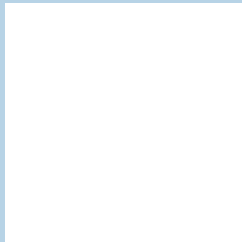
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3690, 0.2808, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 62.3690, 0.2808, 0.3067.



This preview shows how white text looks on a background with the Yxy color 62.3690, 0.2808, 0.3067.

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

62.3690, 0.2808, 0.3067

Protanopia

62.1328, 0.2983, 0.3052

Deuteranopia

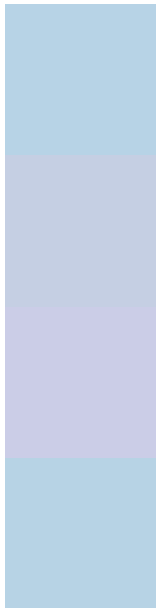
62.0466, 0.3016, 0.2948



Tritanopia

62.2572, 0.2820, 0.3090

Trichromacy



Original Color

62.3690, 0.2808, 0.3067

Protanomaly

62.0420, 0.2920, 0.3060

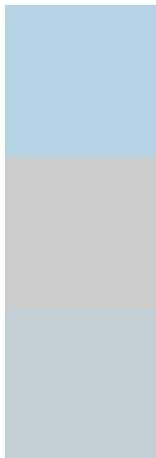
Deuteranomaly

62.1287, 0.2936, 0.2996

Tritanomaly

62.3130, 0.2814, 0.3078

Monochromacy



Original Color

62.3690, 0.2808, 0.3067

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3510, 0.3005, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3690, 0.2808, 0.3067 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(183, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(183, 211, 230)  
}
```

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(183, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 211, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.3690, 0.2808, 0.3067 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(183, 211, 230) }
```

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

```
.border{ border-color:rgb(183, 211, 230) }
```

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

Here you see how a box with a 4 pixel rgb(183, 211, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(183, 211,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3690, 0.2808, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 211, 230) }
```

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

```
.background{ background-color: rgb(183,  
211, 230) }
```

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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