

Converting Colors

$Yxy(67.5089, 0.2860, 0.3152)$

Have a look what the booklet for
Yxy(67.5089, 0.2860, 0.3152)
contains.

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Color

Yxy(67.5089, 0.2860, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	BFDBE7
RGB	191, 219, 231
RGB Percent	75%, 86%, 91%
CMY	0.2507, 0.1412, 0.0941
CMYK	0.17, 0.05, 0.00, 0.09
HSL	198°, 45%, 83%
HSV	198°, 17%, 91%
XYZ	61.2549, 67.5089, 85.4142
YIQ	211.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

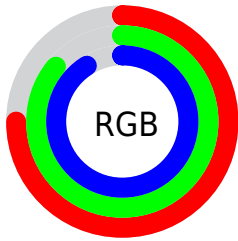
Format	Color
R _Y B	191, 207, 231
Decimal	12573671
CIE Lab	85.76, -6.73, -9.00
CIE LCh	86, 11.244, 233.208
Yxy	67.5089, 0.2860, 0.3152
Android (android.graphics.Color)	4290763751 (0xFFBFD8E7)
YUV	211.9960, 9.3690, -18.4135
Hunter-Lab	82.1638, -10.7110, -4.1208

Details

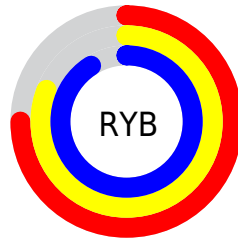
The Yxy color **67.5089, 0.2860, 0.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5135, 0.3437, 0.3424**, and the grayscale version is **65.7914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **34.9644, 0.2799, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **61.1938, 0.2707, 0.3061**, and if you desaturate by 10%, it is **74.4537, 0.3015, 0.3235**.

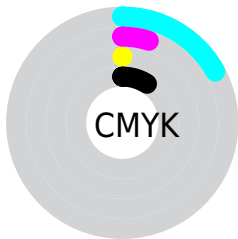
Distribution



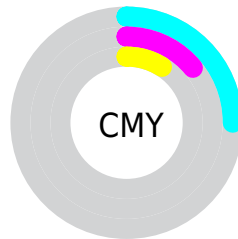
- Red (75%)
- Green (86%)
- Blue (91%)



- Red (75%)
- Yellow (81%)
- Blue (91%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (25%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5089, 0.2860, 0.3152 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 67.5089, 0.2860, 0.3152 by changing the saturation by 10% instead.

■ 67.5089, 0.2860,
0.3152

■ 67.5089, 0.2860,
0.3152

■ 451.7541, 0.2984,
0.3218

■ 49.4983, 0.2831,
0.3136

■ 115.6493, 0.2903,
0.3175

■ 35.0149, 0.2796,
0.3117

■ 146.5479, 0.2920,
0.3184

■ 23.6744, 0.2751,
0.3092

■ 182.5113, 0.2934,
0.3192

■ 15.0923, 0.2692,
0.3059

■ 223.9239, 0.2947,
0.3198

■ 8.8842, 0.2612,
0.3012

■ 271.1701, 0.2958,
0.3204

■ 4.6657, 0.2495,
0.2943

■ 324.6342, 0.2968,

■ 2.0525, 0.2310,

0.3209

0.2828

384.7008, 0.2977,
0.3214

0.6377, 0.1803,
0.2603

0.0000, 0.0000,
0.0000

67.5089, 0.2860,
0.3152

67.5089, 0.2860,
0.3152

61.1938, 0.2707,
0.3061

74.4537, 0.3015,
0.3235

55.4761, 0.2560,
0.2963

82.0423, 0.3169,
0.3309

50.3329, 0.2422,
0.2859

89.2656, 0.3283,
0.3377

45.7363, 0.2296,
0.2749

93.4369, 0.3276,
0.3444

■ 41.6555, 0.2186,
0.2636

■ 97.7668, 0.3269,
0.3511

■ 38.0557, 0.2095,
0.2521

■ 98.5504, 0.3268,
0.3522

■ 34.8964, 0.2025,
0.2405

■ 32.1251, 0.1974,
0.2292

■ 31.4191, 0.1962,
0.2262

Harmonies

Analogous

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



67.5089, 0.2893, 0.3270



67.5089, 0.2860, 0.3152



67.5089, 0.2896, 0.3075

Triad

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



67.5089, 0.2860, 0.3152



67.5089, 0.3265, 0.3186



67.5089, 0.3258, 0.3534

Complementary

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



67.5089, 0.2860, 0.3152



63.5135, 0.3437, 0.3424

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.



67.5089, 0.3362, 0.3505



67.5089, 0.2860, 0.3152



67.5089, 0.3366, 0.3303

Square

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



67.5089, 0.2860, 0.3152



67.5089, 0.3128, 0.3097



67.5089, 0.3402, 0.3419



67.5089, 0.3121, 0.3495

Rectangle

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



67.5089, 0.2860, 0.3152



67.5089, 0.2955, 0.3055



67.5089, 0.3402, 0.3419



67.5089, 0.3298, 0.3532

Sweetspot

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



67.5117, 0.2860, 0.3152



95.2364, 0.3050, 0.3252



72.5602, 0.3032, 0.3614



20.2448, 0.3039, 0.3247



0.0000, 0.0000, 0.0000



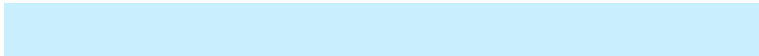
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5117, 0.2860, 0.3152



81.3600, 0.2801, 0.3118



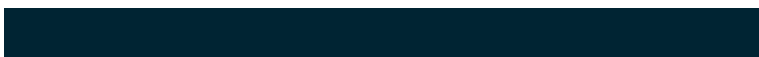
57.7285, 0.2848, 0.2917



15.5652, 0.2981, 0.3218



17.8388, 0.1967, 0.2280



1.4793, 0.2013, 0.2445

Inverse Universe

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



59.3962, 0.3238, 0.2987



69.4680, 0.3267, 0.2917



73.5455, 0.3401, 0.3637



14.5374, 0.3184, 0.3127



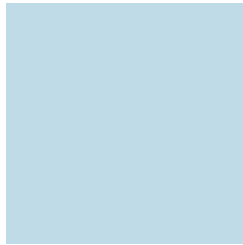
10.9986, 0.4147, 0.2058



0.8290, 0.3977, 0.1965

Previews

White Background



This preview shows how the Yxy color 67.5089, 0.2860, 0.3152 looks on a white background.

Color Contrast Check

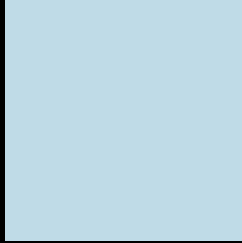
Large Text (above 18pt) WCAG AA × Fail

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 67.5089, 0.2860, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

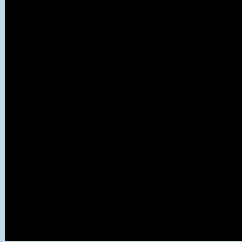
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

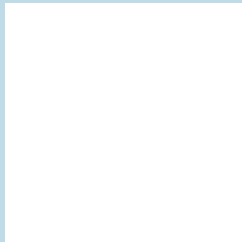
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5089, 0.2860, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 67.5089, 0.2860, 0.3152.

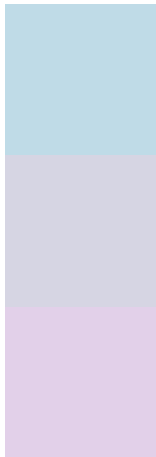


This preview shows how white text looks on a background with the Yxy color 67.5089, 0.2860, 0.3152.

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

67.5089, 0.2860, 0.3152

Protanopia

67.4307, 0.3041, 0.3135

Deuteranopia

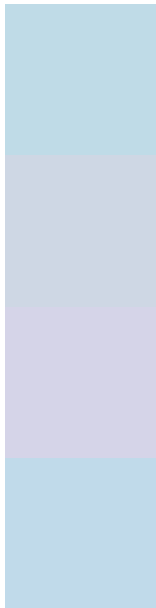
67.1637, 0.3088, 0.3022



Tritanopia

67.4054, 0.2836, 0.3086

Trichromacy



Original Color

67.5089, 0.2860, 0.3152

Protanomaly

67.3241, 0.2978, 0.3144

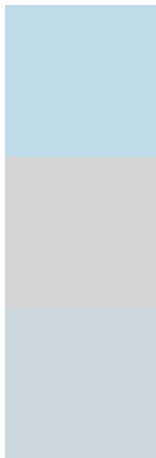
Deuteranomaly

67.0593, 0.3001, 0.3070

Tritanomaly

67.2898, 0.2848, 0.3108

Monochromacy



Original Color

67.5089, 0.2860, 0.3152

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5527, 0.3022, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5089, 0.2860, 0.3152 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(191, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(191, 219, 231)  
}
```

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(191, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 231) }
```

Border

The CSS property to change the border of an element to Yxy 67.5089, 0.2860, 0.3152 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(191, 219, 231) }
```

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

```
.border{ border-color:rgb(191, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(191, 219,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5089, 0.2860, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 231) }
```

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

```
.background{ background-color: rgb(191,  
219, 231) }
```

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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