

Converting Colors

$Yxy(65.0190, 0.2747, 0.2991)$

Have a look what the booklet for
Yxy(65.0190, 0.2747, 0.2991)
contains.

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Color

Yxy(65.0190, 0.2747, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	B7D7F1
RGB	183, 215, 241
RGB Percent	72%, 84%, 95%
CMY	0.2822, 0.1569, 0.0548
CMYK	0.24, 0.11, 0.00, 0.05
HSL	207°, 67%, 83%
HSV	207°, 24%, 95%
XYZ	59.7149, 65.0190, 92.6483
YIQ	208.3960, -27.4180, 1.3020

Conversions

Conversions Part 2

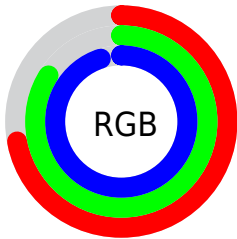
Format	Color
R _Y B	183, 204, 241
Decimal	12048369
CIE Lab	84.49, -4.92, -16.26
CIE LCh	84, 16.985, 253.147
Yxy	65.0190, 0.2747, 0.2991
Android (android.graphics.Color)	4290238449 (0xFFB7D7F1)
YUV	208.3960, 16.0738, -22.2723
Hunter-Lab	80.6344, -8.9195, -11.6797

Details

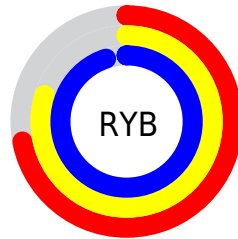
The Yxy color **65.0190, 0.2747, 0.2991** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.7631, 0.3566, 0.3571**, and the grayscale version is **63.2594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **33.3115, 0.2655, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **56.9842, 0.2586, 0.2845**, and if you desaturate by 10%, it is **73.9298, 0.2908, 0.3124**.

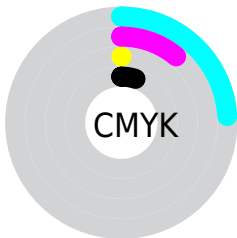
Distribution



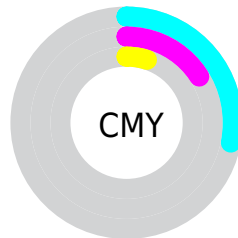
- Red (72%)
- Green (84%)
- Blue (95%)



- Red (72%)
- Yellow (80%)
- Blue (95%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0190, 0.2747, 0.2991 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 65.0190, 0.2747, 0.2991 by changing the saturation by 10% instead.

■ 65.0190, 0.2747,
0.2991

■ 65.0190, 0.2747,
0.2991

442.8602, 0.2924,
0.3133

■ 47.4765, 0.2706,
0.2958

■ 112.0772, 0.2809,
0.3041

■ 33.4125, 0.2656,
0.2917

142.3616, 0.2833,
0.3060

■ 22.4426, 0.2592,
0.2864

177.6622, 0.2853,
0.3076

■ 14.1825, 0.2508,
0.2794

218.3632, 0.2871,
0.3091

■ 8.2477, 0.2394,
0.2698

264.8492, 0.2887,
0.3103

■ 4.2539, 0.2229,
0.2556

317.5044, 0.2901,

■ 1.8166, 0.1975,

0.3114

0.2331

376.7133, 0.2913,
0.3124

0.4975, 0.1297,
0.1830

0.0000, 0.0000,
0.0000

65.0190, 0.2747,
0.2991

65.0190, 0.2747,
0.2991

56.9842, 0.2586,
0.2845

73.9298, 0.2908,
0.3124

49.7846, 0.2429,
0.2687

83.7394, 0.3065,
0.3245

43.3877, 0.2279,
0.2520

94.4147, 0.3214,
0.3352

37.7550, 0.2142,
0.2346

99.1330, 0.3208,
0.3424

■ 32.8441, 0.2022,
0.2169

■ 28.6066, 0.1924,
0.1993

■ 24.9850, 0.1849,
0.1823

■ 23.0795, 0.1813,
0.1726

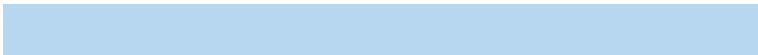
Harmonies

Analogous

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



65.0190, 0.2728, 0.3131



65.0190, 0.2747, 0.2991



65.0190, 0.2865, 0.2935

Triad

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



65.0190, 0.2747, 0.2991



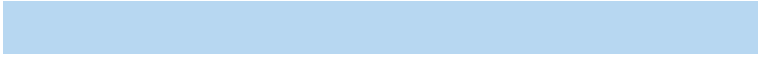
65.0190, 0.3452, 0.3246



65.0190, 0.3188, 0.3640

Complementary

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



65.0190, 0.2747, 0.2991



67.7631, 0.3566, 0.3571

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.



65.0190, 0.3388, 0.3662



65.0190, 0.2747, 0.2991



65.0190, 0.3544, 0.3426

Square

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



65.0190, 0.2747, 0.2991



65.0190, 0.3270, 0.3081



65.0190, 0.3520, 0.3580



65.0190, 0.2978, 0.3514

Rectangle

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



65.0190, 0.2747, 0.2991



65.0190, 0.2986, 0.2948



65.0190, 0.3520, 0.3580



65.0190, 0.3259, 0.3659

Sweetspot

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



65.0216, 0.2747, 0.2991



91.7635, 0.3019, 0.3211



77.5647, 0.2952, 0.3668



19.4944, 0.3009, 0.3203



0.0000, 0.0000, 0.0000



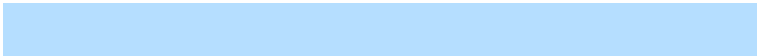
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0216, 0.2747, 0.2991



69.1862, 0.2666, 0.2919



51.9209, 0.2719, 0.2655



16.6729, 0.2980, 0.3181



12.7849, 0.1820, 0.1752



1.2620, 0.1881, 0.1972

Inverse Universe

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



57.4923, 0.3360, 0.2950



59.5913, 0.3422, 0.2875



82.7930, 0.3500, 0.3854



15.9046, 0.3207, 0.3161



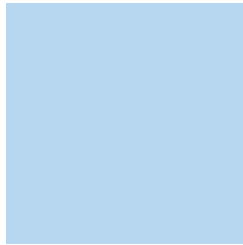
11.0840, 0.4743, 0.2386



0.9421, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 65.0190, 0.2747, 0.2991 looks on a white background.

Color Contrast Check

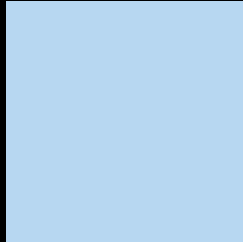
Large Text (above 18pt) WCAG AA × Fail

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 65.0190, 0.2747, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

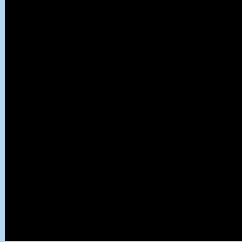
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

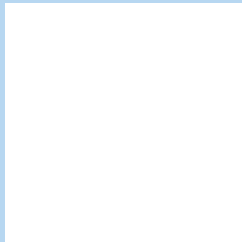
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0190, 0.2747, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 65.0190, 0.2747, 0.2991.

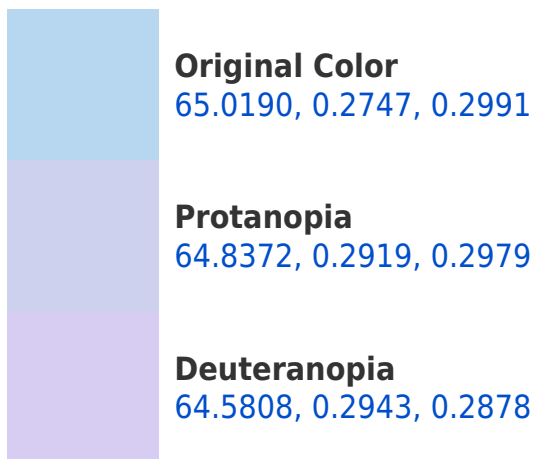


This preview shows how white text looks on a background with the Yxy color 65.0190, 0.2747, 0.2991.

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

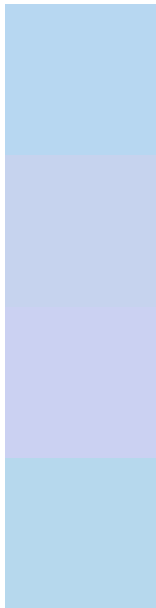




Tritanopia

64.8760, 0.2776, 0.3080

Trichromacy



Original Color

65.0190, 0.2747, 0.2991

Protanomaly

64.7673, 0.2859, 0.2986

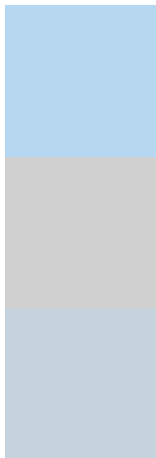
Deuteranomaly

64.7082, 0.2867, 0.2924

Tritanomaly

65.1712, 0.2765, 0.3047

Monochromacy



Original Color

65.0190, 0.2747, 0.2991

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8980, 0.2980, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0190, 0.2747, 0.2991 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, 215, 241)` looks like.

```
.text, #text, p{  
    color:rgb(183, 215, 241)  
}
```

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, 215, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 215, 241) }
```

Border

The CSS property to change the border of an element to Yxy 65.0190, 0.2747, 0.2991 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, 215, 241) }
```

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

```
.border{ border-color:rgb(183, 215, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 215, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 215, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 215, 241);  
box-shadow:4px 4px 4px 4px rgb(183, 215,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0190, 0.2747, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 215, 241) }
```

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

```
.background{ background-color: rgb(183,  
215, 241) }
```

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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