

Converting Colors

Yxy(66.6204, 0.2748, 0.3149)

Have a look what the booklet for
Yxy(66.6204, 0.2748, 0.3149)
contains.

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Color

Yxy(66.7101, 0.2749, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	AFDDE9
RGB	175, 221, 233
RGB Percent	69%, 87%, 91%
CMY	0.3139, 0.1333, 0.0863
CMYK	0.25, 0.05, 0.00, 0.09
HSL	192°, 57%, 80%
HSV	192°, 25%, 91%
XYZ	58.2363, 66.7101, 86.8990
YIQ	208.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

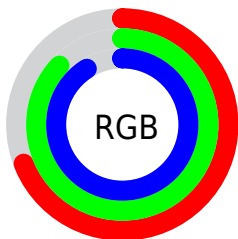
Format	Color
R _Y B	175, 201, 233
Decimal	11525609
CIE Lab	85.36, -12.21, -10.76
CIE LCh	85, 16.277, 221.389
Yxy	66.7101, 0.2749, 0.3149
Android (android.graphics.Color)	4289715689 (0xFFAFDDE9)
YUV	208.6140, 12.0223, -29.4795
Hunter-Lab	81.6763, -15.6605, -5.9079

Details

The Yxy color **66.7101, 0.2749, 0.3149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.9356, 0.3620, 0.3426**, and the grayscale version is **63.4281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **34.5117, 0.2662, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **61.7409, 0.2607, 0.3084**, and if you desaturate by 10%, it is **72.2227, 0.2898, 0.3209**.

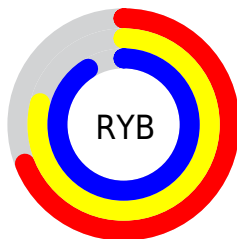
Distribution



Red (69%)

Green (87%)

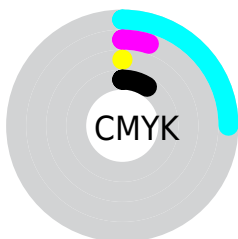
Blue (91%)



Red (69%)

Yellow (79%)

Blue (91%)

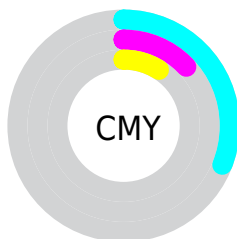


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7101, 0.2749, 0.3149 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 66.7101, 0.2749, 0.3149 by changing the saturation by 10% instead.

66.7101, 0.2749,
0.3149

66.7101, 0.2749,
0.3149

448.9122, 0.2925,
0.3218

48.8491, 0.2709,
0.3132

114.5049, 0.2810,
0.3174

34.4998, 0.2659,
0.3112

145.2075, 0.2834,
0.3183

23.2778, 0.2596,
0.3085

180.9594, 0.2854,
0.3191

14.7988, 0.2514,
0.3048

222.1450, 0.2872,
0.3198

8.6783, 0.2402,
0.2996

269.1486, 0.2887,
0.3204

4.5319, 0.2241,
0.2917

322.3548, 0.2901,

1.9753, 0.1991,

0.3209

0.2784

382.1478, 0.2913,
0.3214

■ 0.5931, 0.1142,
0.2551

■ 0.0000, 0.0000,
0.0000

■ 66.7101, 0.2749,
0.3149

■ 66.7101, 0.2749,
0.3149

■ 61.7409, 0.2607,
0.3084

■ 72.2227, 0.2898,
0.3209

■ 57.2824, 0.2477,
0.3015

■ 78.2933, 0.3051,
0.3265

■ 53.3108, 0.2359,
0.2942

■ 84.9461, 0.3206,
0.3315

■ 49.7967, 0.2259,
0.2867

■ 89.6192, 0.3270,
0.3362

■ 46.7071, 0.2177,
0.2791

■ 92.4946, 0.3266,
0.3408

■ 44.0038, 0.2116,
0.2715

■ 95.4458, 0.3261,
0.3454

■ 41.6398, 0.2073,
0.2640

■ 98.4733, 0.3256,
0.3500

■ 40.5302, 0.2056,
0.2602

■ 98.6634, 0.3256,
0.3503

Harmonies

Analogous

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



66.7101, 0.2834, 0.3333



66.7101, 0.2749, 0.3149



66.7101, 0.2762, 0.3012

Triad

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



66.7101, 0.2749, 0.3149



66.7101, 0.3252, 0.3083



66.7101, 0.3385, 0.3641

Complementary

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



66.7101, 0.2749, 0.3149



55.9356, 0.3620, 0.3426

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.



66.7101, 0.3505, 0.3559



66.7101, 0.2749, 0.3149



66.7101, 0.3427, 0.3238

Square

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



66.7101, 0.2749, 0.3149



66.7101, 0.3047, 0.2980



66.7101, 0.3521, 0.3410



66.7101, 0.3198, 0.3626

Rectangle

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



66.7101, 0.2749, 0.3149



66.7101, 0.2824, 0.2963



66.7101, 0.3521, 0.3410



66.7101, 0.3434, 0.3623

Sweetspot

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



66.7128, 0.2749, 0.3149



94.4406, 0.3018, 0.3253



70.9579, 0.3025, 0.3852



20.1151, 0.3009, 0.3250



0.0000, 0.0000, 0.0000



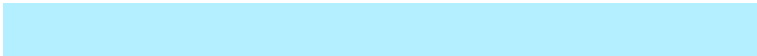
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7128, 0.2749, 0.3149



78.5941, 0.2674, 0.3116



52.8549, 0.2718, 0.2800



16.5628, 0.2981, 0.3240



23.1805, 0.2059, 0.2613



1.9530, 0.2088, 0.2718

Inverse Universe

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



53.1888, 0.3252, 0.2791



59.5439, 0.3284, 0.2684



69.3192, 0.3546, 0.3736



15.2574, 0.3169, 0.3105



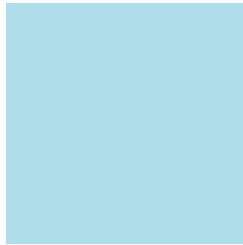
11.8329, 0.3811, 0.1873



0.9426, 0.3712, 0.1818

Previews

White Background



This preview shows how the Yxy color 66.7101, 0.2749, 0.3149 looks on a white background.

Color Contrast Check

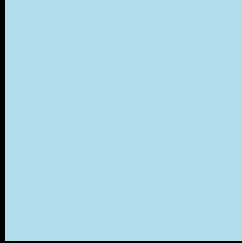
Large Text (above 18pt) WCAG AA × Fail

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 66.7101, 0.2749, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

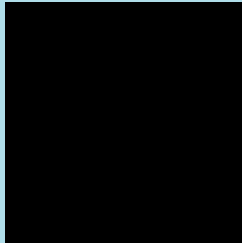
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7101, 0.2749, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 66.7101, 0.2749, 0.3149.

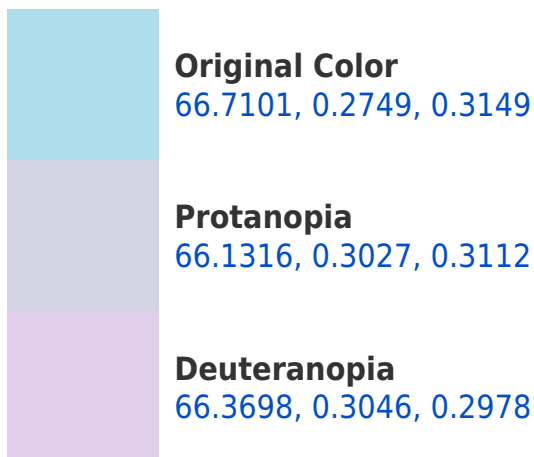


This preview shows how white text looks on a background with the Yxy color 66.7101, 0.2749, 0.3149.

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

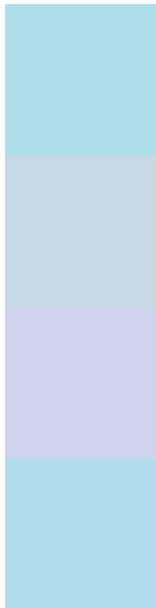




Tritanopia

66.5896, 0.2726, 0.3081

Trichromacy



Original Color

66.7101, 0.2749, 0.3149

Protanomaly

66.4001, 0.2923, 0.3131

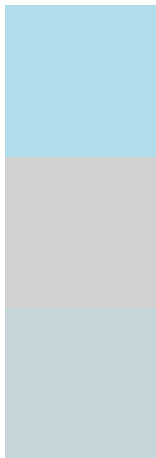
Deuteranomaly

66.2069, 0.2933, 0.3034

Tritanomaly

66.4726, 0.2737, 0.3103

Monochromacy



Original Color

66.7101, 0.2749, 0.3149

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5208, 0.2979, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7101, 0.2749, 0.3149 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(175, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(175, 221, 233)  
}
```

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(175, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 221, 233) }
```

Border

The CSS property to change the border of an element to Yxy 66.7101, 0.2749, 0.3149 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(175, 221, 233) }
```

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

```
.border{ border-color:rgb(175, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 221, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 221, 233); box-shadow:4px 4px 4px 4px rgb(175, 221, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7101, 0.2749, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 221, 233) }
```

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

```
.background{ background-color: rgb(175,  
221, 233) }
```

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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