

Converting Colors

Yxy(63.3415, 0.2658, 0.2970)

Have a look what the booklet for
Yxy(63.3415, 0.2658, 0.2970)
contains.

Yxy(63.4467, 0.2657, 0.2973)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.4467, 0.2657, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	A9D7F2
RGB	169, 215, 242
RGB Percent	66%, 84%, 95%
CMY	0.3369, 0.1569, 0.0510
CMYK	0.30, 0.11, 0.00, 0.05
HSL	202°, 74%, 81%
HSV	202°, 30%, 95%
XYZ	56.7030, 63.4467, 93.2600
YIQ	204.3240, -36.0830, -1.3550

Conversions

Conversions Part 2

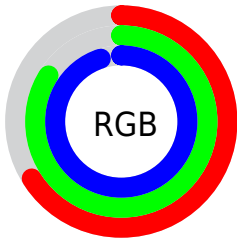
Format	Color
R _{YB}	169, 197, 242
Decimal	11130866
CIE Lab	83.68, -8.73, -18.08
CIE LCh	84, 20.077, 244.230
Yxy	63.4467, 0.2657, 0.2973
Android (android.graphics.Color)	4289320946 (0xFFA9D7F2)
YUV	204.3240, 18.5743, -30.9791
Hunter-Lab	79.6534, -12.3246, -13.6607

Details

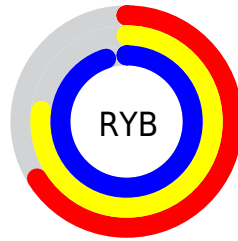
The Yxy color **63.4467, 0.2657, 0.2973** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.2707, 0.3719, 0.3586**, and the grayscale version is **60.5079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **32.3316, 0.2544, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **56.5725, 0.2505, 0.2848**, and if you desaturate by 10%, it is **71.0716, 0.2813, 0.3089**.

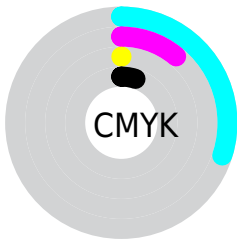
Distribution



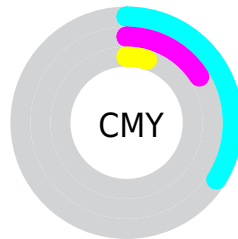
- Red (66%)
- Green (84%)
- Blue (95%)



- Red (66%)
- Yellow (77%)
- Blue (95%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (34%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4467, 0.2657, 0.2973 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 63.4467, 0.2657, 0.2973 by changing the saturation by 10% instead.

■ 63.4467, 0.2657,
0.2973

■ 63.4467, 0.2657,
0.2973

437.1888, 0.2876,
0.3125

■ 46.2027, 0.2607,
0.2937

■ 109.8137, 0.2733,
0.3027

■ 32.4058, 0.2545,
0.2892

139.7055, 0.2763,
0.3047

■ 21.6716, 0.2466,
0.2834

174.5820, 0.2788,
0.3065

■ 13.6158, 0.2363,
0.2757

214.8276, 0.2810,
0.3080

■ 7.8540, 0.2223,
0.2650

260.8266, 0.2830,
0.3094

■ 4.0016, 0.2024,
0.2492

312.9636, 0.2847,

■ 1.6745, 0.1721,

0.3105

0.2238

371.6229, 0.2862,
0.3116

0.4071, 0.0697,
0.1631

0.0000, 0.0000,
0.0000

63.4467, 0.2657,
0.2973

63.4467, 0.2657,
0.2973

56.5725, 0.2505,
0.2848

71.0716, 0.2813,
0.3089

50.4102, 0.2361,
0.2715

79.4687, 0.2970,
0.3194

44.9281, 0.2230,
0.2575

88.6680, 0.3125,
0.3289

40.0887, 0.2115,
0.2432

96.5712, 0.3206,
0.3375

■ 35.8492, 0.2019,
0.2287

■ 99.1907, 0.3203,
0.3415

■ 32.1597, 0.1945,
0.2144

■ 28.9773, 0.1891,
0.2006

Harmonies

Analogous

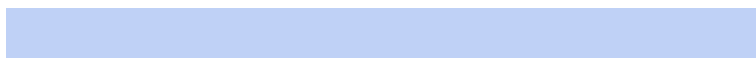
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.4467, 0.2670, 0.3162



63.4467, 0.2657, 0.2973



63.4467, 0.2763, 0.2877

Triad

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



63.4467, 0.2657, 0.2973



63.4467, 0.3459, 0.3174



63.4467, 0.3274, 0.3731

Complementary

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



63.4467, 0.2657, 0.2973



61.2707, 0.3719, 0.3586

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.



63.4467, 0.3495, 0.3715



63.4467, 0.2657, 0.2973



63.4467, 0.3606, 0.3386

Square

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



63.4467, 0.2657, 0.2973



63.4467, 0.3221, 0.2995



63.4467, 0.3619, 0.3585



63.4467, 0.3020, 0.3614

Rectangle

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



63.4467, 0.2657, 0.2973



63.4467, 0.2890, 0.2872



63.4467, 0.3619, 0.3585



63.4467, 0.3355, 0.3741

Sweetspot

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



63.4492, 0.2657, 0.2973



90.5985, 0.2987, 0.3205



75.9257, 0.2937, 0.3840



19.0815, 0.2965, 0.3190



0.0000, 0.0000, 0.0000



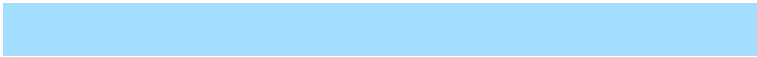
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4492, 0.2657, 0.2973



66.7344, 0.2566, 0.2899



47.0198, 0.2607, 0.2527



16.8872, 0.2980, 0.3200



15.8374, 0.1897, 0.2029



1.5072, 0.1948, 0.2214

Inverse Universe

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



52.1916, 0.3386, 0.2801



52.7453, 0.3454, 0.2702



79.6143, 0.3610, 0.3952



15.9263, 0.3195, 0.3142



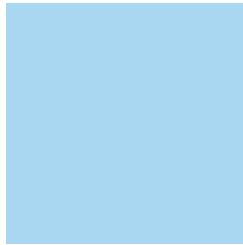
11.3921, 0.4420, 0.2209



0.9669, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 63.4467, 0.2657, 0.2973 looks on a white background.

Color Contrast Check

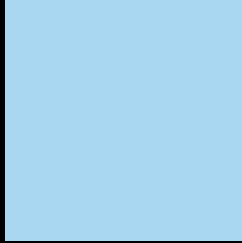
Large Text (above 18pt) WCAG AA × Fail

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 63.4467, 0.2657, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

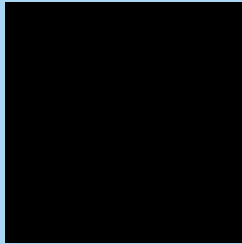
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4467, 0.2657, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 63.4467, 0.2657, 0.2973.



This preview shows how white text looks on a background with the Yxy color 63.4467, 0.2657, 0.2973.

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

63.4467, 0.2657, 0.2973

Protanopia

62.8953, 0.2904, 0.2953

Deuteranopia

63.0924, 0.2908, 0.2842



Tritanopia

63.2677, 0.2690, 0.3075

Trichromacy



Original Color

63.4467, 0.2657, 0.2973

Protanomaly

62.8503, 0.2811, 0.2958

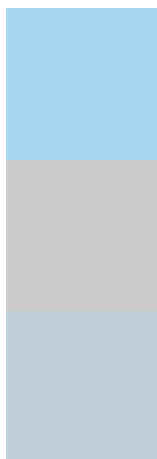
Deuteranomaly

62.8325, 0.2813, 0.2885

Tritanomaly

63.5510, 0.2679, 0.3041

Monochromacy



Original Color

63.4467, 0.2657, 0.2973

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.2501, 0.2936, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4467, 0.2657, 0.2973 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(169, 215, 242)` looks like.

```
.text, #text, p{  
    color:rgb(169, 215, 242)  
}
```

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(169, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 215, 242) }
```

Border

The CSS property to change the border of an element to Yxy 63.4467, 0.2657, 0.2973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

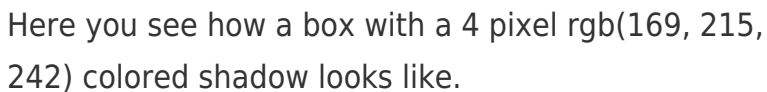
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 215, 242) }
```

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

```
.border{ border-color:rgb(169, 215, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 215, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 215, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 215, 242); box-shadow:4px 4px 4px 4px rgb(169, 215, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4467, 0.2657, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 215, 242) }
```

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

```
.background{ background-color: rgb(169,  
215, 242) }
```

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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