

Converting Colors

$Yxy(63.9519, 0.2631, 0.3040)$

Have a look what the booklet for
Yxy(63.9519, 0.2631, 0.3040)
contains.

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Color

Yxy(63.9519, 0.2631, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	A1DAEF
RGB	161, 218, 239
RGB Percent	63%, 85%, 94%
CMY	0.3686, 0.1451, 0.0628
CMYK	0.33, 0.09, 0.00, 0.06
HSL	196°, 71%, 78%
HSV	196°, 33%, 94%
XYZ	55.3478, 63.9519, 91.0683
YIQ	203.3510, -40.7130, -5.5530

Conversions

Conversions Part 2

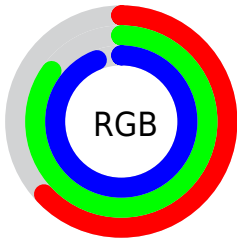
Format	Color
RYB	161, 194, 239
Decimal	10607343
CIELab	83.94, -13.25, -16.13
CIELCh	84, 20.868, 230.599
Yxy	63.9519, 0.2631, 0.3040
Android (android.graphics.Color)	4288797423 (0xFFA1DAEF)
YUV	203.3510, 17.5750, -37.1418
Hunter-Lab	79.9699, -16.4061, -11.5395

Details

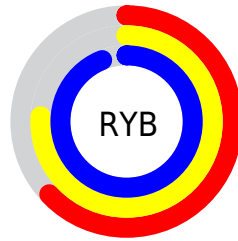
The Yxy color **63.9519, 0.2631, 0.3040** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.3698, 0.3809, 0.3525**, and the grayscale version is **59.8618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **32.6775, 0.2510, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **58.4344, 0.2491, 0.2950**, and if you desaturate by 10%, it is **70.0782, 0.2779, 0.3124**.

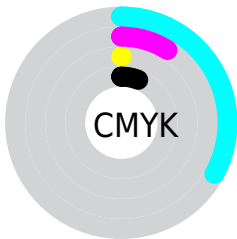
Distribution



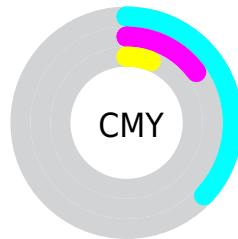
- Red (63%)
- Green (85%)
- Blue (94%)



- Red (63%)
- Yellow (76%)
- Blue (94%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)





- Cyan (37%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9519, 0.2631, 0.3040 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 63.9519, 0.2631, 0.3040 by changing the saturation by 10% instead.


 63.9519, 0.2631,
0.3040


 63.9519, 0.2631,
0.3040


439.0159, 0.2862,
0.3162

 46.6117, 0.2578,
0.3011


 110.5417, 0.2711,
0.3083

 32.7288, 0.2513,
0.2974


 140.5600, 0.2742,
0.3100

 21.9188, 0.2431,
0.2926


175.5732, 0.2769,
0.3114

 13.7972, 0.2323,
0.2862

215.9657, 0.2792,
0.3126

 7.9798, 0.2177,
0.2772

262.1218, 0.2813,
0.3137

 4.0820, 0.1970,
0.2636

314.4260, 0.2831,

 1.7195, 0.1656,

0.3146

0.2411

373.2625, 0.2847,
0.3154

0.4363, 0.0400,
0.1913

0.0000, 0.0000,
0.0000

63.9519, 0.2631,
0.3040

63.9519, 0.2631,
0.3040

58.4344, 0.2491,
0.2950

70.0782, 0.2779,
0.3124

53.4896, 0.2363,
0.2854

76.8322, 0.2932,
0.3202

49.0887, 0.2250,
0.2755

84.2409, 0.3087,
0.3273

45.1967, 0.2155,
0.2654

92.0221, 0.3230,
0.3336

■ 41.7735, 0.2079,
0.2551

■ 95.9524, 0.3224,
0.3398

■ 38.7709, 0.2024,
0.2450

■ 99.0106, 0.3220,
0.3444

■ 36.7716, 0.1994,
0.2376

Harmonies

Analogous

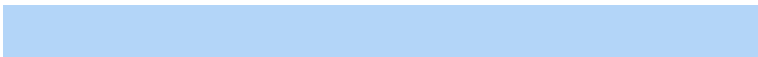
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9519, 0.2702, 0.3267



63.9519, 0.2631, 0.3040



63.9519, 0.2686, 0.2894

Triad

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



63.9519, 0.2631, 0.3040



63.9519, 0.3366, 0.3079



63.9519, 0.3392, 0.3757

Complementary

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



63.9519, 0.2631, 0.3040



54.3698, 0.3809, 0.3525

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.



63.9519, 0.3583, 0.3681



63.9519, 0.2631, 0.3040



63.9519, 0.3570, 0.3288

Square

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



63.9519, 0.2631, 0.3040



63.9519, 0.3102, 0.2923



63.9519, 0.3650, 0.3507



63.9519, 0.3135, 0.3698

Rectangle

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



63.9519, 0.2631, 0.3040



63.9519, 0.2787, 0.2856



63.9519, 0.3650, 0.3507



63.9519, 0.3466, 0.3746

Sweetspot

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



63.9544, 0.2631, 0.3040



91.1818, 0.2972, 0.3221



72.6666, 0.2966, 0.3993



19.2648, 0.2950, 0.3211



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.



63.9544, 0.2631, 0.3040



69.8671, 0.2539, 0.2982



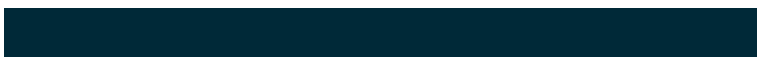
46.1314, 0.2570, 0.2553



17.1678, 0.2981, 0.3225



20.5533, 0.1998, 0.2392



1.8731, 0.2035, 0.2525

Inverse Universe

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



48.9032, 0.3343, 0.2680



50.5015, 0.3399, 0.2559



72.5195, 0.3676, 0.3931



15.9546, 0.3179, 0.3119



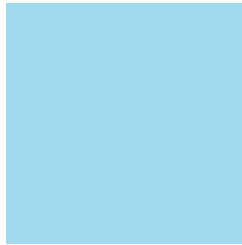
11.8682, 0.4031, 0.1994



1.0038, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 63.9519, 0.2631, 0.3040 looks on a white background.

Color Contrast Check

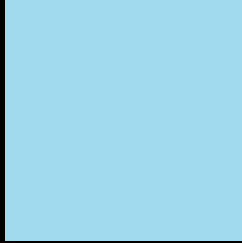
Large Text (above 18pt) WCAG AA × Fail

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 63.9519, 0.2631, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

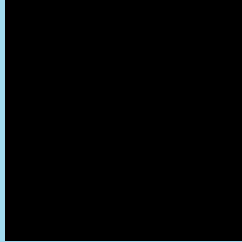
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9519, 0.2631, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 63.9519, 0.2631, 0.3040.

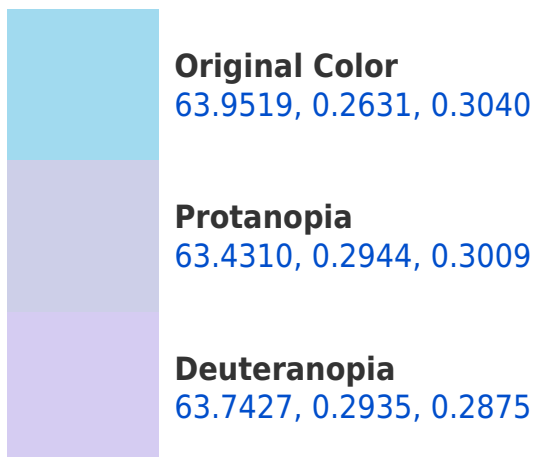


This preview shows how white text looks on a background with the Yxy color 63.9519, 0.2631, 0.3040.

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

63.6725, 0.2641, 0.3074

Trichromacy



Original Color

63.9519, 0.2631, 0.3040

Protanomaly

63.4055, 0.2817, 0.3014

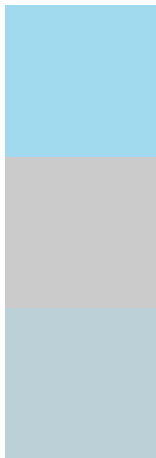
Deuteranomaly

63.4211, 0.2813, 0.2928

Tritanomaly

63.7308, 0.2636, 0.3062

Monochromacy



Original Color

63.9519, 0.2631, 0.3040

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.7610, 0.2928, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9519, 0.2631, 0.3040 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(161, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(161, 218, 239)  
}
```

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(161, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 218, 239) }
```

Border

The CSS property to change the border of an element to Yxy 63.9519, 0.2631, 0.3040 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(161, 218, 239) }
```

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

```
.border{ border-color:rgb(161, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 218, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 218, 239);  
box-shadow:4px 4px 4px 4px rgb(161, 218,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9519, 0.2631, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 218, 239) }
```

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

```
.background{ background-color: rgb(161,  
218, 239) }
```

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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