

Converting Colors

$Yxy(66.0536, 0.2559, 0.3179)$

Have a look what the booklet for
Yxy(66.0536, 0.2559, 0.3179)
contains.

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Color

Yxy(66.0536, 0.2559, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	8DE2EB
RGB	141, 226, 235
RGB Percent	55%, 89%, 92%
CMY	0.4473, 0.1137, 0.0784
CMYK	0.40, 0.04, 0.00, 0.08
HSL	186°, 70%, 74%
HSV	186°, 40%, 92%
XYZ	53.1712, 66.0536, 88.5563
YIQ	201.6110, -53.5490, -15.2210

Conversions

Conversions Part 2

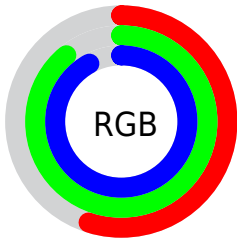
Format	Color
RYB	141, 186, 235
Decimal	9298667
CIELab	85.02, -23.46, -12.51
CIELCh	85, 26.588, 208.066
Yxy	66.0536, 0.2559, 0.3179
Android (android.graphics.Color)	4287488747 (0xFF8DE2EB)
YUV	201.6110, 16.4608, -53.1558
Hunter-Lab	81.2734, -25.4490, -7.7116

Details

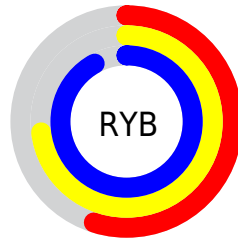
The Yxy color **66.0536, 0.2559, 0.3179** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.3852, 0.4100, 0.3395**, and the grayscale version is **58.7234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **33.8889, 0.2426, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **62.9951, 0.2447, 0.3147**, and if you desaturate by 10%, it is **69.5704, 0.2686, 0.3210**.

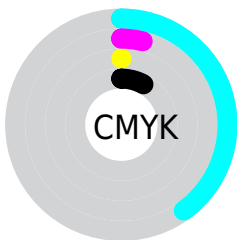
Distribution



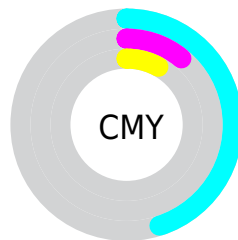
- Red (55%)
- Green (89%)
- Blue (92%)



- Red (55%)
- Yellow (73%)
- Blue (92%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)




- Cyan (45%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0536, 0.2559, 0.3179 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 66.0536, 0.2559, 0.3179 by changing the saturation by 10% instead.


 66.0536, 0.2559,
0.3179


 66.0536, 0.2559,
0.3179


446.5685, 0.2821,
0.3237

 48.3159, 0.2500,
0.3164


 113.5633, 0.2650,
0.3200

 34.0771, 0.2426,
0.3145


 144.1040, 0.2685,
0.3208

 22.9529, 0.2334,
0.3119


179.6813, 0.2716,
0.3215

 14.5587, 0.2214,
0.3083

220.6794, 0.2742,
0.3221

 8.5103, 0.2053,
0.3030

267.4828, 0.2765,
0.3226

 4.4232, 0.1827,
0.2946

320.4759, 0.2786,

 1.9130, 0.1489,

0.3230

0.2795

380.0430, 0.2805,
0.3234

■ 0.5562, 0.0000,
0.2607

■ 0.0000, 0.0000,
0.0000

■ 66.0536, 0.2559,
0.3179

■ 66.0536, 0.2559,
0.3179

■ 62.9951, 0.2447,
0.3147

■ 69.5704, 0.2686,
0.3210

■ 60.3591, 0.2353,
0.3114

■ 73.5631, 0.2825,
0.3238


■ 58.1171, 0.2277,
0.3081

■ 78.0580, 0.2973,
0.3265


■ 56.2334, 0.2221,
0.3048


■ 83.0770, 0.3127,
0.3290

 54.6657, 0.2184,
0.3015


 87.9790, 0.3260,
0.3312

 53.3448, 0.2162,
0.2982

 89.2920, 0.3258,
0.3334

 90.6215, 0.3256,
0.3356

 91.9675, 0.3254,
0.3378

 93.3299, 0.3252,
0.3400

Harmonies

Analogous

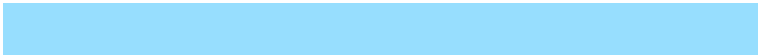
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0536, 0.2752, 0.3498



66.0536, 0.2559, 0.3179



66.0536, 0.2511, 0.2915

Triad

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



66.0536, 0.2559, 0.3179



66.0536, 0.3178, 0.2873



66.0536, 0.3652, 0.3818

Complementary

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



66.0536, 0.2559, 0.3179



41.3852, 0.4100, 0.3395

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.



66.0536, 0.3783, 0.3618



66.0536, 0.2559, 0.3179



66.0536, 0.3503, 0.3085

Square

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



66.0536, 0.2559, 0.3179



66.0536, 0.2854, 0.2758



66.0536, 0.3729, 0.3352



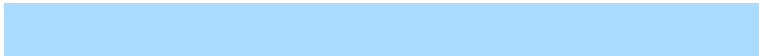
66.0536, 0.3380, 0.3881

Rectangle

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



66.0536, 0.2559, 0.3179



66.0536, 0.2564, 0.2803



66.0536, 0.3729, 0.3352



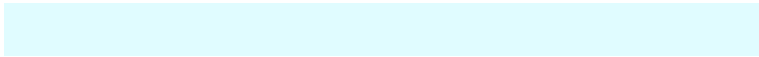
66.0536, 0.3714, 0.3763

Sweetspot

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



66.0562, 0.2559, 0.3179



92.7963, 0.2942, 0.3260



67.2479, 0.3028, 0.4417



19.7063, 0.2922, 0.3257



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.



66.0562, 0.2559, 0.3179



76.4438, 0.2466, 0.3153



44.3583, 0.2466, 0.2585



16.8609, 0.2981, 0.3267



29.7877, 0.2163, 0.2987



2.4108, 0.2176, 0.3033

Inverse Universe

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



42.1915, 0.3253, 0.2387



44.4138, 0.3284, 0.2217



58.9864, 0.3886, 0.3901



15.2875, 0.3153, 0.3080



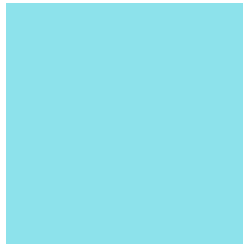
12.4999, 0.3465, 0.1683



0.9888, 0.3426, 0.1661

Previews

White Background



This preview shows how the Yxy color 66.0536, 0.2559, 0.3179 looks on a white background.

Color Contrast Check

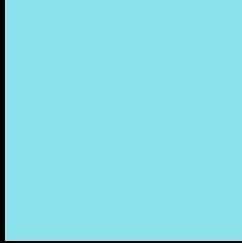
Large Text (above 18pt) WCAG AA × Fail

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 66.0536, 0.2559, 0.3179 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 66.0536, 0.2559, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 66.0536, 0.2559, 0.3179.

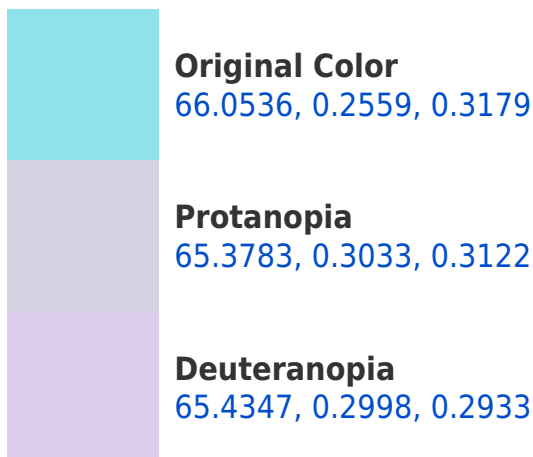


This preview shows how white text looks on a background with the Yxy color 66.0536, 0.2559, 0.3179.

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

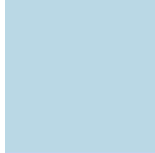
66.1611, 0.2528, 0.3073

Trichromacy



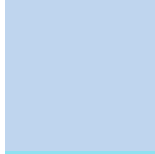
Original Color

66.0536, 0.2559, 0.3179



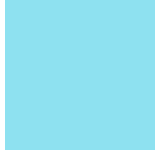
Protanomaly

65.2080, 0.2837, 0.3139



Deuteranomaly

64.8379, 0.2814, 0.3005



Tritanomaly

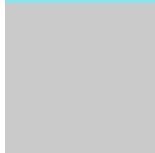
65.8925, 0.2538, 0.3108

Monochromacy



Original Color

66.0536, 0.2559, 0.3179



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

61.1469, 0.2886, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0536, 0.2559, 0.3179 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(141, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 226, 235)  
}
```

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(141, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 226, 235) }
```

Border

The CSS property to change the border of an element to Yxy 66.0536, 0.2559, 0.3179 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(141, 226, 235) }
```

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

```
.border{ border-color:rgb(141, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 226,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0536, 0.2559, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 226, 235) }
```

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

```
.background{ background-color: rgb(141,  
226, 235) }
```

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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