

Converting Colors

$Yxy(61.6535, 0.2611, 0.3189)$

Have a look what the booklet for
Yxy(61.6535, 0.2611, 0.3189)
contains.

Yxy(61.6535, 0.2611, 0.3189)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.6535, 0.2611, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	91DAE2
RGB	145, 218, 226
RGB Percent	57%, 85%, 89%
CMY	0.4313, 0.1451, 0.1137
CMYK	0.36, 0.04, 0.00, 0.11
HSL	186°, 58%, 73%
HSV	186°, 36%, 89%
XYZ	50.4789, 61.6535, 81.1993
YIQ	197.0850, -46.0760, -12.9880

Conversions

Conversions Part 2

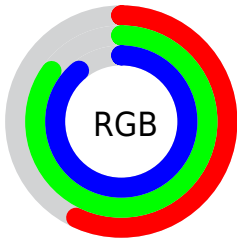
Format	Color
R _{YB}	145, 183, 226
Decimal	9558754
CIE _{Lab}	82.73, -20.64, -11.15
CIE _{LCh}	83, 23.460, 208.366
Yxy	61.6535, 0.2611, 0.3189
Android (android.graphics.Color)	4287748834 (0xFF91DAE2)
YUV	197.0850, 14.2551, -45.6785
Hunter-Lab	78.5197, -22.6551, -6.3495

Details

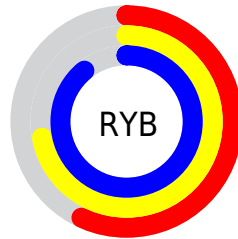
The Yxy color **61.6535, 0.2611, 0.3189** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0078, 0.3954, 0.3387**, and the grayscale version is **55.8256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **31.3083, 0.2485, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **58.6508, 0.2492, 0.3157**, and if you desaturate by 10%, it is **65.0851, 0.2743, 0.3220**.

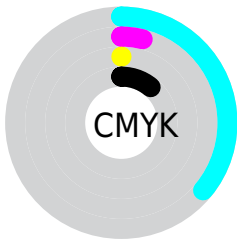
Distribution



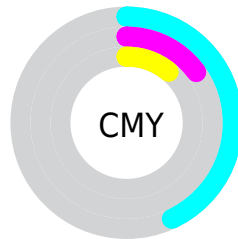
- Red (57%)
- Green (85%)
- Blue (89%)



- Red (57%)
- Yellow (72%)
- Blue (89%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)





- Cyan (43%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6535, 0.2611, 0.3189 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 61.6535, 0.2611, 0.3189 by changing the saturation by 10% instead.

 61.6535, 0.2611,
0.3189

 61.6535, 0.2611,
0.3189


430.6660, 0.2853,
0.3242

 44.7528, 0.2555,
0.3175

 107.2246, 0.2695,
0.3209

 31.2627, 0.2486,
0.3158


 136.6637, 0.2728,
0.3216

 20.7990, 0.2398,
0.3134


171.0512, 0.2756,
0.3222

 12.9772, 0.2283,
0.3100

210.7712, 0.2780,
0.3227

 7.4128, 0.2125,
0.3050

256.2084, 0.2802,
0.3232

 3.7216, 0.1898,
0.2968

307.7470, 0.2821,

 1.5191, 0.1548,

0.3236

0.2816

365.7714, 0.2838,
0.3239

■ 0.3021, 0.0000,
0.2131

■ 0.0000, 0.0000,
0.0000

■ 61.6535, 0.2611,
0.3189

■ 61.6535, 0.2611,
0.3189

■ 58.6508, 0.2492,
0.3157

■ 65.0851, 0.2743,
0.3220

■ 56.0453, 0.2390,
0.3123

■ 68.9607, 0.2886,
0.3249

■ 53.8125, 0.2306,
0.3089

■ 73.3036, 0.3037,
0.3275

■ 51.9219, 0.2241,
0.3054

■ 78.1331, 0.3192,
0.3300

■ 50.3380, 0.2195,
0.3020

■ 82.8896, 0.3328,
0.3322

■ 49.0170, 0.2168,
0.2986

■ 84.1362, 0.3325,
0.3344

■ 48.5134, 0.2159,
0.2972

■ 85.3987, 0.3323,
0.3366

■ 86.6774, 0.3320,
0.3388

■ 87.9721, 0.3317,
0.3410

Harmonies

Analogous

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



61.6535, 0.2786, 0.3475



61.6535, 0.2611, 0.3189



61.6535, 0.2568, 0.2951

Triad

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



61.6535, 0.2611, 0.3189



61.6535, 0.3177, 0.2913



61.6535, 0.3600, 0.3769

Complementary

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



61.6535, 0.2611, 0.3189



41.0078, 0.3954, 0.3387

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.



61.6535, 0.3719, 0.3592



61.6535, 0.2611, 0.3189



61.6535, 0.3469, 0.3107

Square

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



61.6535, 0.2611, 0.3189



61.6535, 0.2884, 0.2807



61.6535, 0.3671, 0.3351



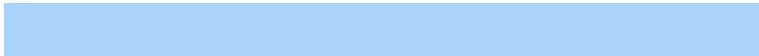
61.6535, 0.3355, 0.3822

Rectangle

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



61.6535, 0.2611, 0.3189



61.6535, 0.2618, 0.2848



61.6535, 0.3671, 0.3351



61.6535, 0.3656, 0.3721

Sweetspot

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



61.6559, 0.2611, 0.3189



93.3051, 0.2957, 0.3262



62.6803, 0.3038, 0.4277



19.8060, 0.2937, 0.3258



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.



61.6559, 0.2611, 0.3189



78.0651, 0.2521, 0.3165



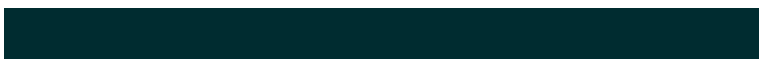
43.6592, 0.2540, 0.2673



15.3284, 0.2982, 0.3266



27.7724, 0.2161, 0.2978



1.9931, 0.2175, 0.3030

Inverse Universe

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



41.4888, 0.3240, 0.2483



48.1589, 0.3268, 0.2322



56.0312, 0.3791, 0.3835



13.9110, 0.3153, 0.3081



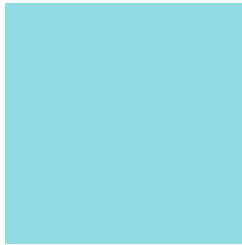
11.7117, 0.3474, 0.1687



0.8187, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 61.6535, 0.2611, 0.3189 looks on a white background.

Color Contrast Check

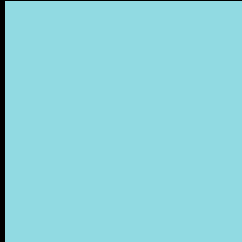
Large Text (above 18pt) WCAG AA × Fail

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 61.6535, 0.2611, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

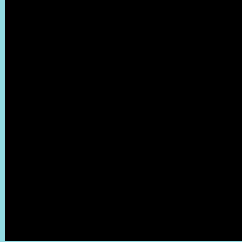
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6535, 0.2611, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 61.6535, 0.2611, 0.3189.

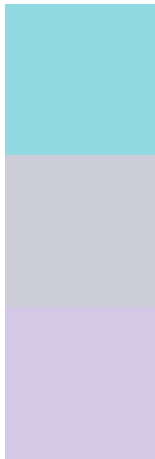


This preview shows how white text looks on a background with the Yxy color 61.6535, 0.2611, 0.3189.

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

61.6535, 0.2611, 0.3189

Protanopia

61.1746, 0.3044, 0.3140

Deuteranopia

61.1679, 0.3014, 0.2956



Tritanopia

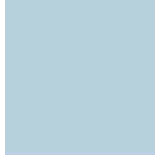
61.7693, 0.2578, 0.3081

Trichromacy



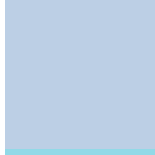
Original Color

61.6535, 0.2611, 0.3189



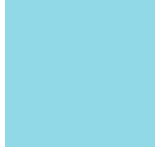
Protanomaly

60.8355, 0.2868, 0.3158



Deuteranomaly

60.9742, 0.2845, 0.3033



Tritanomaly

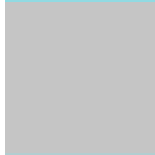
61.5062, 0.2588, 0.3116

Monochromacy



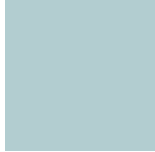
Original Color

61.6535, 0.2611, 0.3189



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.6817, 0.2908, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6535, 0.2611, 0.3189 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(145, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(145, 218, 226)  
}
```

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(145, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 218, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.6535, 0.2611, 0.3189 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(145, 218, 226) }
```

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

```
.border{ border-color:rgb(145, 218, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(145, 218,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6535, 0.2611, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 218, 226) }
```

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

```
.background{ background-color: rgb(145,  
218, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor