

Converting Colors

Yxy(61.9403, 0.2602, 0.3158)

Have a look what the booklet for
Yxy(61.9403, 0.2602, 0.3158)
contains.

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Color

Yxy(61.9109, 0.2601, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	92DAE5
RGB	146, 218, 229
RGB Percent	57%, 85%, 90%
CMY	0.4273, 0.1451, 0.1020
CMYK	0.36, 0.05, 0.00, 0.10
HSL	188°, 61%, 74%
HSV	188°, 36%, 90%
XYZ	51.0721, 61.9109, 83.3726
YIQ	197.7260, -46.4430, -11.8430

Conversions

Conversions Part 2

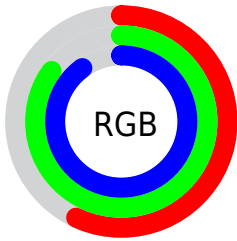
Format	Color
RYB	146, 185, 229
Decimal	9624293
CIELab	82.87, -19.65, -12.51
CIELCh	83, 23.300, 212.483
Yxy	61.9109, 0.2601, 0.3153
Android (android.graphics.Color)	4287814373 (0xFF92DAE5)
YUV	197.7260, 15.4181, -45.3637
Hunter-Lab	78.6835, -21.8349, -7.7449

Details

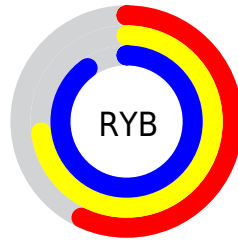
The Yxy color **61.9109, 0.2601, 0.3153** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8569, 0.3956, 0.3421**, and the grayscale version is **56.2295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **31.4745, 0.2472, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **58.4614, 0.2480, 0.3109**, and if you desaturate by 10%, it is **65.8144, 0.2735, 0.3195**.

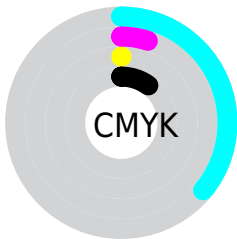
Distribution



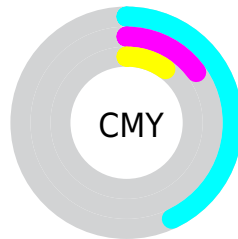
- Red (57%)
- Green (85%)
- Blue (90%)



- Red (57%)
- Yellow (73%)
- Blue (90%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)





- Cyan (43%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9109, 0.2601, 0.3153 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 61.9109, 0.2601, 0.3153 by changing the saturation by 10% instead.


 61.9109, 0.2601,
0.3153

 61.9109, 0.2601,
0.3153

431.6060, 0.2847,
0.3223

 44.9607, 0.2544,
0.3135


 107.5967, 0.2687,
0.3179

 31.4265, 0.2474,
0.3112


 137.1012, 0.2720,
0.3188

 20.9238, 0.2385,
0.3082


171.5592, 0.2749,
0.3196

 13.0683, 0.2269,
0.3040

211.3551, 0.2773,
0.3203

 7.4756, 0.2110,
0.2978

256.8733, 0.2795,
0.3209

 3.7613, 0.1882,
0.2879

308.4983, 0.2814,

 1.5409, 0.1533,

0.3215

366.6144, 0.2832,
0.3219

0.2702

0.3173, 0.0000,
0.2033

0.0000, 0.0000,
0.0000

61.9109, 0.2601,
0.3153

61.9109, 0.2601,
0.3153

58.4614, 0.2480,
0.3109

65.8144, 0.2735,
0.3195

55.4331, 0.2374,
0.3064

70.1878, 0.2880,
0.3233

52.8005, 0.2286,
0.3017

75.0551, 0.3031,
0.3269

50.5318, 0.2217,
0.2970

80.4366, 0.3186,
0.3302

■ 48.5899, 0.2168,
0.2923

■ 85.2854, 0.3304,
0.3332

■ 46.9288, 0.2137,
0.2877

■ 87.0189, 0.3300,
0.3362

■ 46.3443, 0.2128,
0.2859

■ 88.7820, 0.3297,
0.3391

■ 90.5750, 0.3294,
0.3421

■ 92.3979, 0.3290,
0.3450

Harmonies

Analogous

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



61.9109, 0.2758, 0.3435



61.9109, 0.2601, 0.3153



61.9109, 0.2578, 0.2928

Triad

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



61.9109, 0.2601, 0.3153



61.9109, 0.3218, 0.2938



61.9109, 0.3568, 0.3781

Complementary

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



61.9109, 0.2601, 0.3153



42.8569, 0.3956, 0.3421

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.



61.9109, 0.3707, 0.3619



61.9109, 0.2601, 0.3153



61.9109, 0.3501, 0.3140

Square

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



61.9109, 0.2601, 0.3153



61.9109, 0.2922, 0.2819



61.9109, 0.3683, 0.3385



61.9109, 0.3314, 0.3812

Rectangle

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



61.9109, 0.2601, 0.3153



61.9109, 0.2639, 0.2837



61.9109, 0.3683, 0.3385



61.9109, 0.3631, 0.3739

Sweetspot

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



61.9133, 0.2601, 0.3153



92.7153, 0.2957, 0.3252



64.5350, 0.3022, 0.4252



19.6645, 0.2936, 0.3247



0.0000, 0.0000, 0.0000



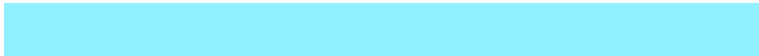
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9133, 0.2601, 0.3153



75.8734, 0.2514, 0.3122



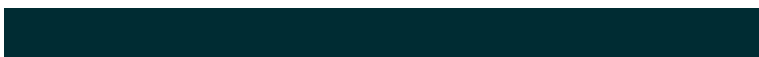
43.5487, 0.2527, 0.2627



15.9936, 0.2982, 0.3258



26.6303, 0.2130, 0.2867



2.0587, 0.2149, 0.2934

Inverse Universe

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



42.2897, 0.3267, 0.2501



47.9376, 0.3300, 0.2354



58.7511, 0.3789, 0.3871



14.5807, 0.3158, 0.3089



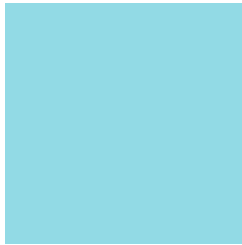
11.8861, 0.3574, 0.1742



0.8875, 0.3513, 0.1709

Previews

White Background



This preview shows how the Yxy color 61.9109, 0.2601, 0.3153 looks on a white background.

Color Contrast Check

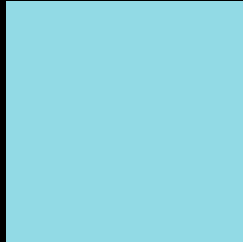
Large Text (above 18pt) WCAG AA × Fail

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 61.9109, 0.2601, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

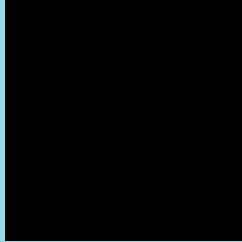
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9109, 0.2601, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 61.9109, 0.2601, 0.3153.

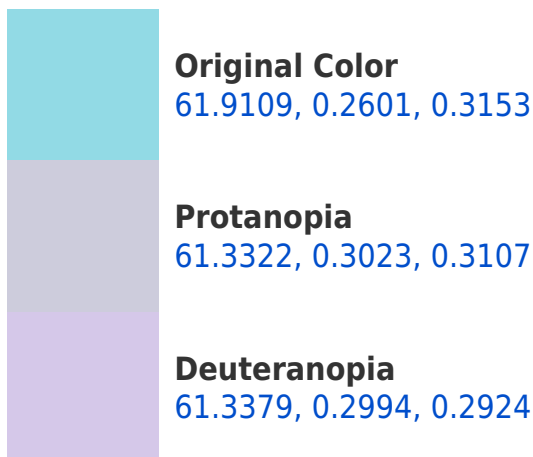


This preview shows how white text looks on a background with the Yxy color 61.9109, 0.2601, 0.3153.

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

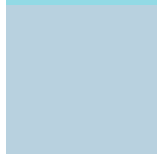
61.8269, 0.2573, 0.3069

Trichromacy



Original Color

61.9109, 0.2601, 0.3153



Protanomaly

61.1190, 0.2856, 0.3124



Deuteranomaly

61.2707, 0.2833, 0.3000



Tritanomaly

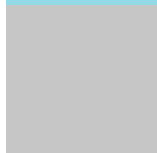
61.7119, 0.2583, 0.3093

Monochromacy



Original Color

61.9109, 0.2601, 0.3153



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

57.8498, 0.2909, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9109, 0.2601, 0.3153 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(146, 218, 229)` looks like.

```
.text, #text, p{  
    color:rgb(146, 218, 229)  
}
```

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(146, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 218, 229) }
```

Border

The CSS property to change the border of an element to Yxy 61.9109, 0.2601, 0.3153 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(146, 218, 229) }
```

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

```
.border{ border-color:rgb(146, 218, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 218, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 218, 229);  
box-shadow:4px 4px 4px 4px rgb(146, 218,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9109, 0.2601, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 218, 229) }
```

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

```
.background{ background-color: rgb(146,  
218, 229) }
```

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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