

Converting Colors

Yxy(61.6104, 0.2546, 0.3151)

Have a look what the booklet for
Yxy(61.6104, 0.2546, 0.3151)
contains.

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Color

Yxy(61.6104, 0.2546, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	88DBE6
RGB	136, 219, 230
RGB Percent	53%, 86%, 90%
CMY	0.4662, 0.1412, 0.0980
CMYK	0.41, 0.05, 0.00, 0.10
HSL	187°, 65%, 72%
HSV	187°, 41%, 90%
XYZ	49.7810, 61.6104, 84.1351
YIQ	195.4370, -52.9990, -14.1750

Conversions

Conversions Part 2

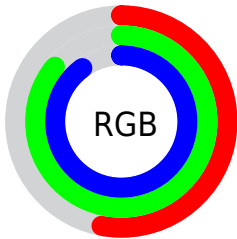
Format	Color
RYB	136, 180, 230
Decimal	8969190
CIELab	82.71, -22.42, -13.35
CIELCh	83, 26.090, 210.765
Yxy	61.6104, 0.2546, 0.3151
Android (android.graphics.Color)	4287159270 (0xFF88DBE6)
YUV	195.4370, 17.0396, -52.1262
Hunter-Lab	78.4923, -24.1540, -8.6077

Details

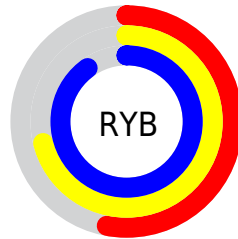
The Yxy color **61.6104, 0.2546, 0.3151** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.5126, 0.4116, 0.3421**, and the grayscale version is **54.7829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **31.3083, 0.2403, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **58.4902, 0.2433, 0.3112**, and if you desaturate by 10%, it is **65.1715, 0.2674, 0.3189**.

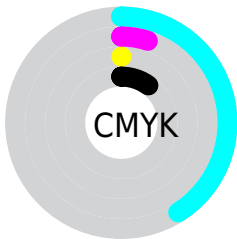
Distribution



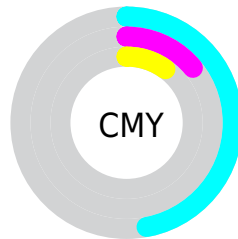
- Red (53%)
- Green (86%)
- Blue (90%)



- Red (53%)
- Yellow (71%)
- Blue (90%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)




- Cyan (47%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6104, 0.2546, 0.3151 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 61.6104, 0.2546, 0.3151 by changing the saturation by 10% instead.


 61.6104, 0.2546,
0.3151

 61.6104, 0.2546,
0.3151


430.5085, 0.2817,
0.3223


 44.7180, 0.2484,
0.3132


 107.1623, 0.2640,
0.3178

 31.2353, 0.2407,
0.3109


 136.5905, 0.2677,
0.3188

 20.7781, 0.2309,
0.3077


 170.9661, 0.2709,
0.3196

 12.9619, 0.2182,
0.3032

210.6734, 0.2736,
0.3203

 7.4023, 0.2009,
0.2965

256.0970, 0.2760,
0.3209

 3.7150, 0.1762,
0.2859

307.6211, 0.2781,

 1.5154, 0.1390,

0.3214

0.2667

365.6301, 0.2800,
0.3219

■ 0.2995, 0.0000,
0.1884

■ 0.0000, 0.0000,
0.0000

■ 61.6104, 0.2546,
0.3151

■ 61.6104, 0.2546,
0.3151

■ 58.4902, 0.2433,
0.3112

■ 65.1715, 0.2674,
0.3189

■ 55.7771, 0.2337,
0.3071

■ 69.1908, 0.2813,
0.3224

■ 53.4434, 0.2260,
0.3030

■ 73.6931, 0.2961,
0.3257

■ 51.4549, 0.2203,
0.2988

■ 78.6995, 0.3114,
0.3288

■ 49.7709, 0.2164,
0.2947

■ 84.2297, 0.3271,
0.3315

■ 48.4308, 0.2142,
0.2910

■ 86.4953, 0.3295,
0.3342

■ 88.0545, 0.3292,
0.3368

■ 89.6372, 0.3289,
0.3394

■ 91.2437, 0.3286,
0.3420

Harmonies

Analogous

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



61.6104, 0.2728, 0.3470



61.6104, 0.2546, 0.3151



61.6104, 0.2512, 0.2895

Triad

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



61.6104, 0.2546, 0.3151



61.6104, 0.3209, 0.2887



61.6104, 0.3634, 0.3833

Complementary

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



61.6104, 0.2546, 0.3151



39.5126, 0.4116, 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.



61.6104, 0.3781, 0.3641



61.6104, 0.2546, 0.3151



61.6104, 0.3530, 0.3107

Square

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



61.6104, 0.2546, 0.3151



61.6104, 0.2880, 0.2762



61.6104, 0.3745, 0.3377



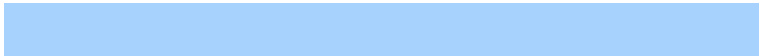
61.6104, 0.3353, 0.3881

Rectangle

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



61.6104, 0.2546, 0.3151



61.6104, 0.2574, 0.2790



61.6104, 0.3745, 0.3377



61.6104, 0.3701, 0.3782

Sweetspot

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



61.6128, 0.2546, 0.3151



92.3812, 0.2942, 0.3253



63.9494, 0.3009, 0.4399



19.6080, 0.2922, 0.3249



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.



61.6128, 0.2546, 0.3151



74.4874, 0.2450, 0.3118



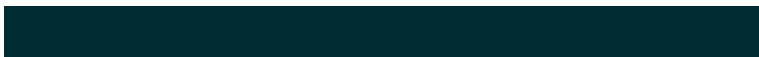
40.5013, 0.2446, 0.2526



16.0323, 0.2982, 0.3262



27.5349, 0.2144, 0.2917



2.1169, 0.2160, 0.2976

Inverse Universe

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



39.5770, 0.3275, 0.2390



43.5498, 0.3313, 0.2219



57.1940, 0.3889, 0.3945



14.5846, 0.3156, 0.3085



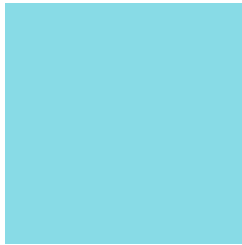
11.9774, 0.3528, 0.1717



0.8934, 0.3475, 0.1688

Previews

White Background



This preview shows how the Yxy color 61.6104, 0.2546, 0.3151 looks on a white background.

Color Contrast Check

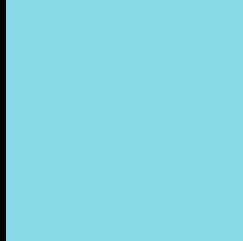
Large Text (above 18pt) WCAG AA × Fail

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 61.6104, 0.2546, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

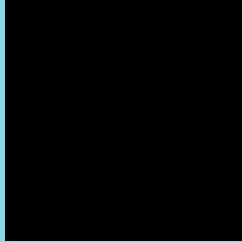
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6104, 0.2546, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 61.6104, 0.2546, 0.3151.

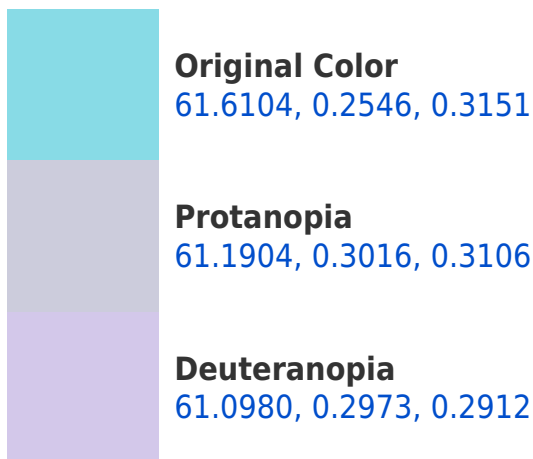


This preview shows how white text looks on a background with the Yxy color 61.6104, 0.2546, 0.3151.

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

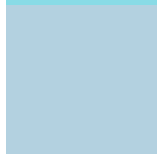
61.6022, 0.2524, 0.3067

Trichromacy



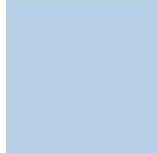
Original Color

61.6104, 0.2546, 0.3151



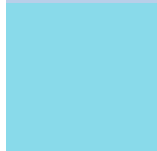
Protanomaly

60.5665, 0.2816, 0.3110



Deuteranomaly

60.6992, 0.2793, 0.2986



Tritanomaly

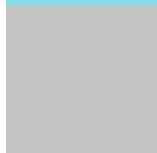
61.4017, 0.2529, 0.3090

Monochromacy



Original Color

61.6104, 0.2546, 0.3151



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.7385, 0.2880, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6104, 0.2546, 0.3151 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(136, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(136, 219, 230)  
}
```

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(136, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 219, 230) }
```

Border

The CSS property to change the border of an element to Yxy 61.6104, 0.2546, 0.3151 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(136, 219, 230) }
```

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

```
.border{ border-color:rgb(136, 219, 230) }
```

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

Here you see how a box with a 4 pixel rgb(136, 219, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(136, 219,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6104, 0.2546, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 219, 230) }
```

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

```
.background{ background-color: rgb(136,  
219, 230) }
```

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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