

Converting Colors

Yxy(61.8686, 0.2680, 0.3035)

Have a look what the booklet for
Yxy(61.8686, 0.2680, 0.3035)
contains.

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Color

Yxy(61.6936, 0.2674, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	A6D5EB
RGB	166, 213, 235
RGB Percent	65%, 84%, 92%
CMY	0.3494, 0.1646, 0.0785
CMYK	0.29, 0.09, 0.00, 0.08
HSL	199°, 63%, 79%
HSV	199°, 29%, 92%
XYZ	54.4991, 61.6936, 87.6184
YIQ	201.4550, -35.0740, -3.1220

Conversions

Conversions Part 2

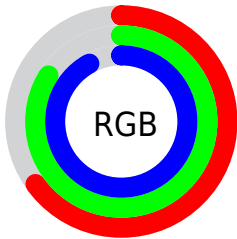
Format	Color
RYB	166, 194, 235
Decimal	10933739
CIELab	82.75, -10.26, -15.77
CIELCh	83, 18.812, 236.948
Yxy	61.6936, 0.2674, 0.3027
Android (android.graphics.Color)	4289123819 (0xFFA6D5EB)
YUV	201.4550, 16.5377, -31.0940
Hunter-Lab	78.5453, -13.6010, -11.1571

Details

The Yxy color **61.6936, 0.2674, 0.3027** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3192, 0.3711, 0.3538**, and the grayscale version is **58.6080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **31.1531, 0.2565, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **55.7137, 0.2527, 0.2922**, and if you desaturate by 10%, it is **68.3153, 0.2827, 0.3125**.

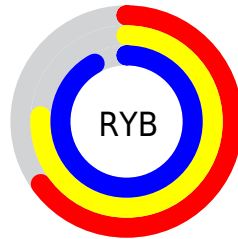
Distribution



Red (65%)

Green (84%)

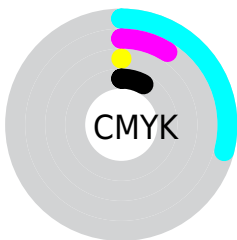
Blue (92%)



Red (65%)

Yellow (76%)

Blue (92%)

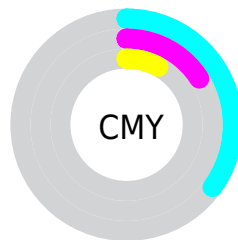


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (35%)


Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6936, 0.2674, 0.3027 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 61.6936, 0.2674, 0.3027 by changing the saturation by 10% instead.

 61.6936, 0.2674,
0.3027


 61.6936, 0.2674,
0.3027


430.8126, 0.2886,
0.3155

 44.7852, 0.2625,
0.2996

 107.2826, 0.2748,
0.3072

 31.2882, 0.2564,
0.2958


 136.7319, 0.2777,
0.3090

 20.8184, 0.2487,
0.2908


171.1303, 0.2802,
0.3105

 12.9914, 0.2385,
0.2841

210.8622, 0.2823,
0.3117

 7.4226, 0.2246,
0.2746

256.3120, 0.2842,
0.3129

 3.7278, 0.2046,
0.2603

307.8641, 0.2858,

 1.5225, 0.1735,

0.3138

0.2366

365.9028, 0.2873,
0.3147

0.3045, 0.0210,
0.1639

0.0000, 0.0000,
0.0000

61.6936, 0.2674,
0.3027

61.6936, 0.2674,
0.3027

55.7137, 0.2527,
0.2922

68.3153, 0.2827,
0.3125

50.3407, 0.2389,
0.2809

75.5972, 0.2982,
0.3214

45.5470, 0.2264,
0.2692

83.5657, 0.3136,
0.3295

41.2993, 0.2155,
0.2571

91.3012, 0.3255,
0.3368

■ 37.5600, 0.2066,
0.2448

■ 95.8612, 0.3248,
0.3439

■ 34.2848, 0.1997,
0.2326

■ 98.7771, 0.3244,
0.3483

■ 31.4045, 0.1947,
0.2207

■ 31.2377, 0.1944,
0.2200

Harmonies

Analogous

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



61.6936, 0.2715, 0.3222



61.6936, 0.2674, 0.3027



61.6936, 0.2748, 0.2912

Triad

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



61.6936, 0.2674, 0.3027



61.6936, 0.3392, 0.3135



61.6936, 0.3322, 0.3714

Complementary

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



61.6936, 0.2674, 0.3027



56.3192, 0.3711, 0.3538

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.



61.6936, 0.3514, 0.3671



61.6936, 0.2674, 0.3027



61.6936, 0.3557, 0.3333

Square

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



61.6936, 0.2674, 0.3027



61.6936, 0.3157, 0.2978



61.6936, 0.3602, 0.3528



61.6936, 0.3084, 0.3633

Rectangle

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



61.6936, 0.2674, 0.3027



61.6936, 0.2855, 0.2891



61.6936, 0.3602, 0.3528



61.6936, 0.3395, 0.3713

Sweetspot

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



61.6961, 0.2674, 0.3027



91.3374, 0.2987, 0.3217



71.1254, 0.2962, 0.3868



19.2639, 0.2965, 0.3204



0.0000, 0.0000, 0.0000



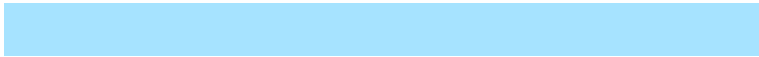
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6961, 0.2674, 0.3027



70.0353, 0.2588, 0.2967



46.1646, 0.2627, 0.2595



16.2674, 0.2981, 0.3213



17.6278, 0.1950, 0.2219



1.5560, 0.1996, 0.2385

Inverse Universe

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



49.7049, 0.3346, 0.2777



53.9672, 0.3401, 0.2674



72.8214, 0.3607, 0.3900



15.2275, 0.3186, 0.3131



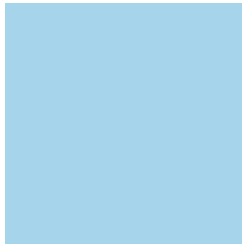
11.2723, 0.4212, 0.2094



0.9025, 0.4039, 0.1998

Previews

White Background



This preview shows how the Yxy color 61.6936, 0.2674, 0.3027 looks on a white background.

Color Contrast Check

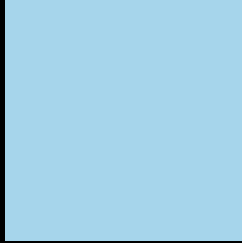
Large Text (above 18pt) WCAG AA × Fail

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 61.6936, 0.2674, 0.3027 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 61.6936, 0.2674, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 61.6936, 0.2674, 0.3027.

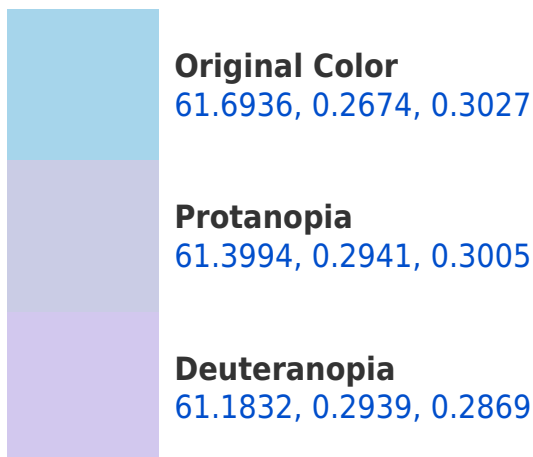


This preview shows how white text looks on a background with the Yxy color 61.6936, 0.2674, 0.3027.

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

61.8620, 0.2692, 0.3085

Trichromacy



Original Color

61.6936, 0.2674, 0.3027

Protanomaly

61.2140, 0.2839, 0.3011

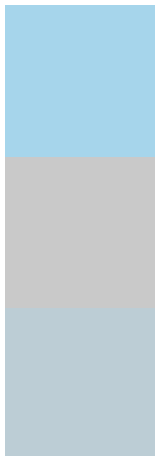
Deuteranomaly

61.2464, 0.2835, 0.2924

Tritanomaly

61.9187, 0.2686, 0.3073

Monochromacy



Original Color

61.6936, 0.2674, 0.3027

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1581, 0.2947, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6936, 0.2674, 0.3027 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(166, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(166, 213, 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(166, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 213, 235) }
```

Border

The CSS property to change the border of an element to Yxy 61.6936, 0.2674, 0.3027 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(166, 213, 235) }
```

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

```
.border{ border-color:rgb(166, 213, 235) }
```

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

Here you see how a box with a 4 pixel rgb(166, 213, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(166, 213,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6936, 0.2674, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 213, 235) }
```

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

```
.background{ background-color: rgb(166,  
213, 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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