

Converting Colors

Yxy(61.8604, 0.2657, 0.3035)

Have a look what the booklet for
Yxy(61.8604, 0.2657, 0.3035)
contains.

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Color

Yxy(61.8778, 0.2658, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	A3D6EB
RGB	163, 214, 235
RGB Percent	64%, 84%, 92%
CMY	0.3609, 0.1607, 0.0785
CMYK	0.31, 0.09, 0.00, 0.08
HSL	197°, 64%, 78%
HSV	197°, 31%, 92%
XYZ	54.1380, 61.8778, 87.6636
YIQ	201.1450, -37.1370, -4.2810

Conversions

Conversions Part 2

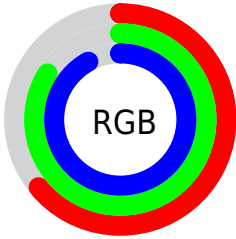
Format	Color
RYB	163, 193, 235
Decimal	10737387
CIELab	82.85, -11.60, -15.63
CIElCh	83, 19.466, 233.413
Yxy	61.8778, 0.2658, 0.3038
Android (android.graphics.Color)	4288927467 (0xFFFA3D6EB)
YUV	201.1450, 16.6905, -33.4532
Hunter-Lab	78.6624, -14.8099, -11.0107

Details

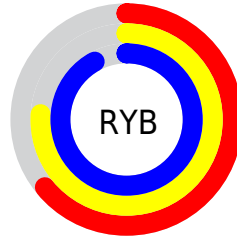
The Yxy color **61.8778, 0.2658, 0.3038** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5520, 0.3749, 0.3527**, and the grayscale version is **58.4123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **31.3022, 0.2546, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **56.2368, 0.2514, 0.2941**, and if you desaturate by 10%, it is **68.1299, 0.2809, 0.3128**.

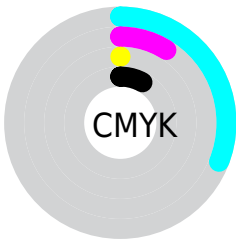
Distribution



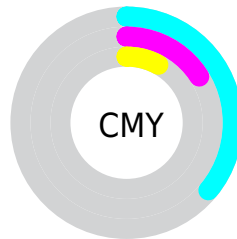
- Red (64%)
- Green (84%)
- Blue (92%)



- Red (64%)
- Yellow (76%)
- Blue (92%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8778, 0.2658, 0.3038 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 61.8778, 0.2658, 0.3038 by changing the saturation by 10% instead.

61.8778, 0.2658,
0.3038

61.8778, 0.2658,
0.3038

431.4852, 0.2878,
0.3161

44.9340, 0.2607,
0.3008

107.5489, 0.2735,
0.3082

31.4054, 0.2545,
0.2971

137.0450, 0.2764,
0.3099

20.9078, 0.2465,
0.2923

171.4939, 0.2790,
0.3113

13.0566, 0.2360,
0.2858

211.2800, 0.2812,
0.3125

7.4675, 0.2217,
0.2765

256.7879, 0.2831,
0.3136

3.7562, 0.2012,
0.2625

308.4017, 0.2849,

1.5381, 0.1695,

0.3145

0.2392

366.5061, 0.2864,
0.3153

0.3153, 0.0089,
0.1705

0.0000, 0.0000,
0.0000

61.8778, 0.2658,
0.3038

61.8778, 0.2658,
0.3038

56.2368, 0.2514,
0.2941

68.1299, 0.2809,
0.3128

51.1721, 0.2381,
0.2838

75.0109, 0.2963,
0.3211

46.6563, 0.2261,
0.2731

82.5470, 0.3117,
0.3285

42.6563, 0.2159,
0.2621

90.3868, 0.3257,
0.3353

■ 39.1344, 0.2076,
0.2510

■ 94.5205, 0.3250,
0.3419

■ 36.0458, 0.2014,
0.2399

■ 98.7764, 0.3244,
0.3483

■ 33.4793, 0.1972,
0.2297

Harmonies

Analogous

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



61.8778, 0.2714, 0.3247



61.8778, 0.2658, 0.3038



61.8778, 0.2721, 0.2908

Triad

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



61.8778, 0.2658, 0.3038



61.8778, 0.3374, 0.3107



61.8778, 0.3356, 0.3730

Complementary

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



61.8778, 0.2658, 0.3038



54.5520, 0.3749, 0.3527

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.



61.8778, 0.3544, 0.3671



61.8778, 0.2658, 0.3038



61.8778, 0.3557, 0.3309

Square

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



61.8778, 0.2658, 0.3038



61.8778, 0.3128, 0.2954



61.8778, 0.3620, 0.3514



61.8778, 0.3111, 0.3662

Rectangle

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



61.8778, 0.2658, 0.3038



61.8778, 0.2823, 0.2878



61.8778, 0.3620, 0.3514



61.8778, 0.3428, 0.3724

Sweetspot

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



61.8803, 0.2658, 0.3038



91.7159, 0.2987, 0.3223



70.6175, 0.2969, 0.3927



19.3575, 0.2965, 0.3212



0.0000, 0.0000, 0.0000



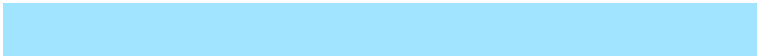
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8803, 0.2658, 0.3038



69.9935, 0.2563, 0.2976



45.8492, 0.2606, 0.2591



16.3382, 0.2981, 0.3220



18.8686, 0.1976, 0.2315



1.6460, 0.2018, 0.2466

Inverse Universe

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



48.6976, 0.3340, 0.2735



52.2034, 0.3399, 0.2615



71.1570, 0.3636, 0.3903



15.2347, 0.3182, 0.3124



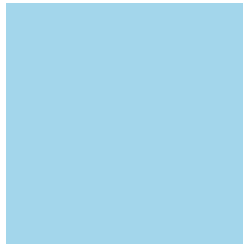
11.3976, 0.4111, 0.2038



0.9116, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 61.8778, 0.2658, 0.3038 looks on a white background.

Color Contrast Check

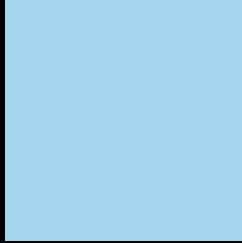
Large Text (above 18pt) WCAG AA × Fail

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 61.8778, 0.2658, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

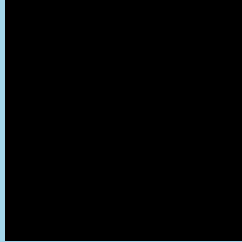
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8778, 0.2658, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 61.8778, 0.2658, 0.3038.



This preview shows how white text looks on a background with the Yxy color 61.8778, 0.2658, 0.3038.

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

61.8778, 0.2658, 0.3038

Protanopia

61.3994, 0.2941, 0.3005

Deuteranopia

61.6480, 0.2939, 0.2880



Tritanopia

62.1085, 0.2670, 0.3084

Trichromacy



Original Color

61.8778, 0.2658, 0.3038

Protanomaly

61.5726, 0.2833, 0.3022

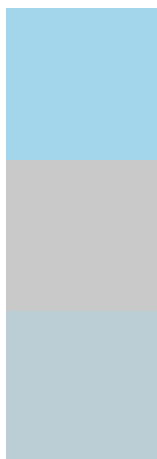
Deuteranomaly

61.5945, 0.2829, 0.2936

Tritanomaly

62.1655, 0.2664, 0.3073

Monochromacy



Original Color

61.8778, 0.2658, 0.3038

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5115, 0.2940, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8778, 0.2658, 0.3038 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(163, 214, 235)` looks like.

```
.text, #text, p{  
    color:rgb(163, 214, 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(163, 214, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 214, 235) }
```

Border

The CSS property to change the border of an element to Yxy 61.8778, 0.2658, 0.3038 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(163, 214, 235) }
```

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

```
.border{ border-color:rgb(163, 214, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 214, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 214, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 214, 235);  
box-shadow:4px 4px 4px 4px rgb(163, 214,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8778, 0.2658, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 214, 235) }
```

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

```
.background{ background-color: rgb(163,  
214, 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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