

Converting Colors

$Yxy(62.1006, 0.2687, 0.3108)$

Have a look what the booklet for
Yxy(62.1006, 0.2687, 0.3108)
contains.

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Color

Yxy(62.1006, 0.2687, 0.3108)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A3D7E6 |
| RGB | 163, 215, 230 |
| RGB Percent | 64%, 84%, 90% |
| CMY | 0.3607, 0.1569, 0.0980 |
| CMYK | 0.29, 0.07, 0.00, 0.10 |
| HSL | 193°, 57%, 77% |
| HSV | 193°, 29%, 90% |
| XYZ | 53.6886, 62.1006, 84.0196 |
| YIQ | 201.1620, -35.8070, -6.3590 |

Conversions

Conversions Part 2

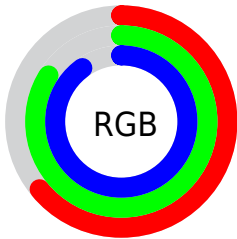
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 163, 192, 230 |
| Decimal | 10737638 |
| CIELab | 82.97, -13.26, -12.81 |
| CIELCh | 83, 18.440, 224.008 |
| Yxy | 62.1006, 0.2687, 0.3108 |
| Android (android.graphics.Color) | 4288927718 (0xFFA3D7E6) |
| YUV | 201.1620, 14.2171, -33.4681 |
| Hunter-Lab | 78.8039, -16.2959, -8.0514 |

Details

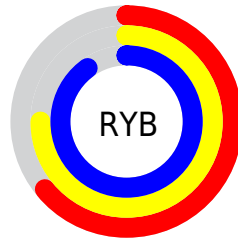
The Yxy color **62.1006, 0.2687, 0.3108** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.3120, 0.3724, 0.3464**, and the grayscale version is **58.4435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **31.4880, 0.2576, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **57.3103, 0.2548, 0.3035**, and if you desaturate by 10%, it is **67.4199, 0.2834, 0.3176**.

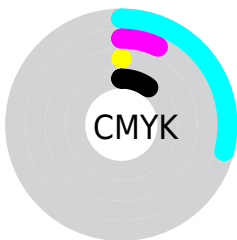
Distribution



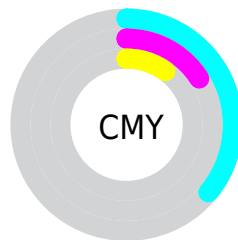
- Red (64%)
- Green (84%)
- Blue (90%)



- Red (64%)
- Yellow (75%)
- Blue (90%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1006, 0.2687, 0.3108 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 62.1006, 0.2687, 0.3108 by changing the saturation by 10% instead.

62.1006, 0.2687,
0.3108

62.1006, 0.2687,
0.3108

432.2980, 0.2893,
0.3198

45.1140, 0.2639,
0.3086

107.8709, 0.2759,
0.3140

31.5472, 0.2580,
0.3058

137.4234, 0.2787,
0.3152

21.0159, 0.2505,
0.3022

171.9333, 0.2811,
0.3163

13.1356, 0.2406,
0.2973

211.7850, 0.2832,
0.3172

7.5220, 0.2270,
0.2902

257.3630, 0.2850,
0.3180

3.7906, 0.2074,
0.2793

309.0515, 0.2866,

1.5572, 0.1768,

0.3186

0.2605

367.2350, 0.2880,
0.3192

0.3285, 0.0000,
0.2038

0.0000, 0.0000,
0.0000

62.1006, 0.2687,
0.3108

62.1006, 0.2687,
0.3108

57.3103, 0.2548,
0.3035

67.4199, 0.2834,
0.3176

53.0169, 0.2421,
0.2958

73.2837, 0.2986,
0.3238

49.1959, 0.2308,
0.2878

79.7157, 0.3141,
0.3295

45.8173, 0.2213,
0.2796

86.7343, 0.3294,
0.3346

■ 42.8471, 0.2137,
0.2713

■ 89.7358, 0.3289,
0.3396

■ 40.2452, 0.2081,
0.2630

■ 92.8235, 0.3283,
0.3446

■ 37.9491, 0.2042,
0.2548

■ 95.9980, 0.3278,
0.3495

■ 37.7562, 0.2039,
0.2541

■ 98.4932, 0.3274,
0.3532

Harmonies

Analogous

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



62.1006, 0.2775, 0.3320



62.1006, 0.2687, 0.3108



62.1006, 0.2712, 0.2957

Triad

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



62.1006, 0.2687, 0.3108



62.1006, 0.3291, 0.3065



62.1006, 0.3408, 0.3701

Complementary

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



62.1006, 0.2687, 0.3108



51.3120, 0.3724, 0.3464

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.



62.1006, 0.3557, 0.3612



62.1006, 0.2687, 0.3108



62.1006, 0.3490, 0.3246

Square

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



62.1006, 0.2687, 0.3108



62.1006, 0.3054, 0.2940



62.1006, 0.3589, 0.3444



62.1006, 0.3187, 0.3674

Rectangle

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



62.1006, 0.2687, 0.3108



62.1006, 0.2789, 0.2907



62.1006, 0.3589, 0.3444



62.1006, 0.3469, 0.3683

Sweetspot

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



62.1031, 0.2687, 0.3108



92.6695, 0.2988, 0.3239



67.5771, 0.3002, 0.3948



19.5934, 0.2965, 0.3230



0.0000, 0.0000, 0.0000



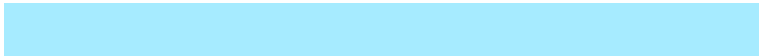
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1031, 0.2687, 0.3108



74.7270, 0.2601, 0.3064



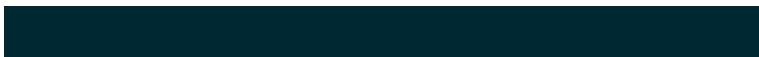
46.9529, 0.2642, 0.2690



15.7602, 0.2981, 0.3236



21.5657, 0.2043, 0.2554



1.7286, 0.2076, 0.2673

Inverse Universe

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



47.9275, 0.3288, 0.2717



54.4408, 0.3330, 0.2596



66.0665, 0.3621, 0.3825



14.5571, 0.3172, 0.3109



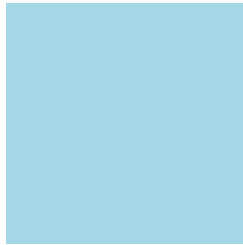
11.3748, 0.3869, 0.1905



0.8542, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 62.1006, 0.2687, 0.3108 looks on a white background.

Color Contrast Check

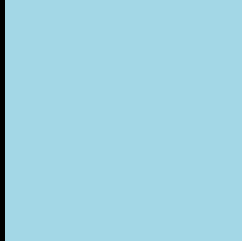
Large Text (above 18pt) WCAG AA × Fail

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 62.1006, 0.2687, 0.3108 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 62.1006, 0.2687, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 62.1006, 0.2687, 0.3108.



This preview shows how white text looks on a background with the Yxy color 62.1006, 0.2687, 0.3108.

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

62.1006, 0.2687, 0.3108

Protanopia

61.8277, 0.2996, 0.3084

Deuteranopia

61.8026, 0.2994, 0.2935



Tritanopia

62.2136, 0.2676, 0.3085

Trichromacy



Original Color

62.1006, 0.2687, 0.3108

Protanomaly

61.9107, 0.2871, 0.3091

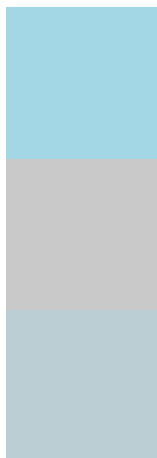
Deuteranomaly

61.5709, 0.2873, 0.2991

Tritanomaly

62.1569, 0.2681, 0.3096

Monochromacy



Original Color

62.1006, 0.2687, 0.3108

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4609, 0.2946, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1006, 0.2687, 0.3108 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, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(163, 215, 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(163, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 215, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.1006, 0.2687, 0.3108 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, 215, 230) }
```

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

```
.border{ border-color:rgb(163, 215, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 215, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(163, 215,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1006, 0.2687, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 215, 230) }
```

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

```
.background{ background-color: rgb(163,  
215, 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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