

Converting Colors

$Yxy(62.8287, 0.2706, 0.3011)$

Have a look what the booklet for
Yxy(62.8287, 0.2706, 0.3011)
contains.

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Color

Yxy(62.5872, 0.2706, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	ADD5ED
RGB	173, 213, 237
RGB Percent	68%, 84%, 93%
CMY	0.3213, 0.1647, 0.0706
CMYK	0.27, 0.10, 0.00, 0.07
HSL	203°, 64%, 80%
HSV	203°, 27%, 93%
XYZ	56.3222, 62.5872, 89.2289
YIQ	203.7760, -31.5440, -1.0160

Conversions

Conversions Part 2

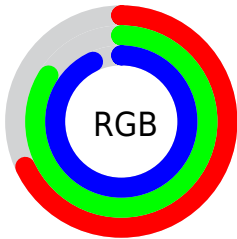
Format	Color
R _Y B	173, 198, 237
Decimal	11392493
CIE Lab	83.22, -7.72, -16.08
CIE LCh	83, 17.841, 244.347
Yxy	62.5872, 0.2706, 0.3007
Android (android.graphics.Color)	4289582573 (0xFFADD5ED)
YUV	203.7760, 16.3794, -26.9906
Hunter-Lab	79.1121, -11.3667, -11.4935

Details

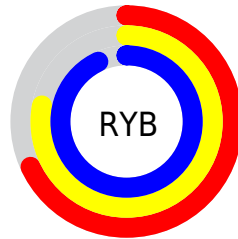
The Yxy color **62.5872, 0.2706, 0.3007** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.9835, 0.3642, 0.3556**, and the grayscale version is **60.1519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **31.7119, 0.2603, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **55.7685, 0.2552, 0.2883**, and if you desaturate by 10%, it is **70.1357, 0.2863, 0.3121**.

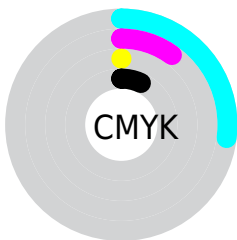
Distribution



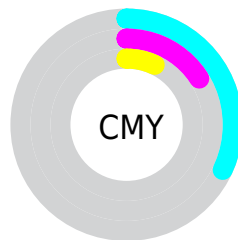
- Red (68%)
- Green (84%)
- Blue (93%)



- Red (68%)
- Yellow (78%)
- Blue (93%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5872, 0.2706, 0.3007 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 62.5872, 0.2706, 0.3007 by changing the saturation by 10% instead.

■ 62.5872, 0.2706,
0.3007

■ 62.5872, 0.2706,
0.3007

434.0698, 0.2903,
0.3143

■ 45.5073, 0.2660,
0.2975

■ 108.5737, 0.2775,
0.3055

■ 31.8572, 0.2604,
0.2934

138.2492, 0.2802,
0.3074

■ 21.2525, 0.2532,
0.2882

172.8920, 0.2824,
0.3089

■ 13.3087, 0.2438,
0.2813

212.8866, 0.2844,
0.3103

■ 7.6414, 0.2309,
0.2715

258.6172, 0.2862,
0.3115

■ 3.8664, 0.2123,
0.2570

310.4684, 0.2877,

■ 1.5991, 0.1834,

0.3125

0.2333

368.8244, 0.2891,
0.3135

0.3570, 0.0707,
0.1675

0.0000, 0.0000,
0.0000

62.5872, 0.2706,
0.3007

62.5872, 0.2706,
0.3007

55.7685, 0.2552,
0.2883

70.1357, 0.2863,
0.3121

49.6429, 0.2405,
0.2751

78.4339, 0.3019,
0.3224

44.1812, 0.2269,
0.2611

87.5097, 0.3173,
0.3317

39.3488, 0.2147,
0.2467

94.8671, 0.3238,
0.3403

■ 35.1066, 0.2044,
0.2320

■ 98.8942, 0.3232,
0.3464

■ 31.4096, 0.1963,
0.2174

■ 28.2010, 0.1902,
0.2032

■ 27.3015, 0.1886,
0.1990

Harmonies

Analogous

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



62.5872, 0.2718, 0.3176



62.5872, 0.2706, 0.3007



62.5872, 0.2802, 0.2920

Triad

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



62.5872, 0.2706, 0.3007



62.5872, 0.3424, 0.3187



62.5872, 0.3258, 0.3682

Complementary

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



62.5872, 0.2706, 0.3007



60.9835, 0.3642, 0.3556

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.



62.5872, 0.3455, 0.3670



62.5872, 0.2706, 0.3007



62.5872, 0.3555, 0.3379

Square

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



62.5872, 0.2706, 0.3007



62.5872, 0.3213, 0.3026



62.5872, 0.3566, 0.3555



62.5872, 0.3031, 0.3578

Rectangle

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



62.5872, 0.2706, 0.3007



62.5872, 0.2917, 0.2915



62.5872, 0.3566, 0.3555



62.5872, 0.3330, 0.3691

Sweetspot

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



62.5897, 0.2706, 0.3007



91.5447, 0.3003, 0.3214



73.4654, 0.2956, 0.3774



19.2682, 0.2979, 0.3199



0.0000, 0.0000, 0.0000



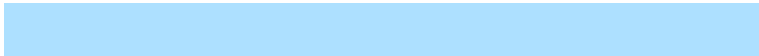
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5897, 0.2706, 0.3007



69.6581, 0.2626, 0.2945



48.2901, 0.2668, 0.2620



16.1165, 0.2981, 0.3199



15.1665, 0.1893, 0.2013



1.3748, 0.1947, 0.2209

Inverse Universe

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



52.7167, 0.3355, 0.2858



56.7025, 0.3411, 0.2773



76.7696, 0.3557, 0.3881



15.2123, 0.3195, 0.3144



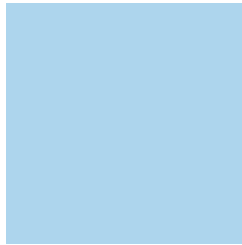
11.0239, 0.4438, 0.2219



0.8842, 0.4222, 0.2100

Previews

White Background



This preview shows how the Yxy color 62.5872, 0.2706, 0.3007 looks on a white background.

Color Contrast Check

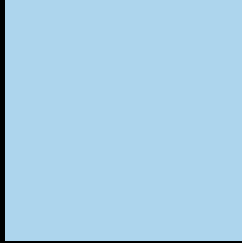
Large Text (above 18pt) WCAG AA × Fail

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 62.5872, 0.2706, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

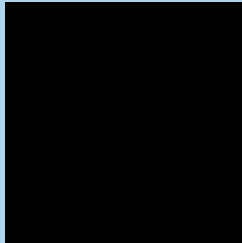
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5872, 0.2706, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 62.5872, 0.2706, 0.3007.



This preview shows how white text looks on a background with the Yxy color 62.5872, 0.2706, 0.3007.

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

62.5872, 0.2706, 0.3007

Protanopia

62.1853, 0.2929, 0.2985

Deuteranopia

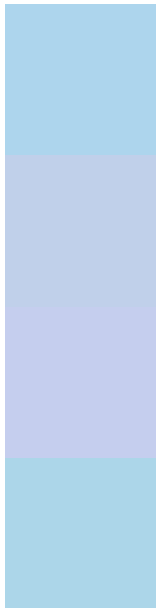
62.3219, 0.2940, 0.2882



Tritanopia

62.6333, 0.2735, 0.3087

Trichromacy



Original Color

62.5872, 0.2706, 0.3007

Protanomaly

62.2587, 0.2842, 0.2991

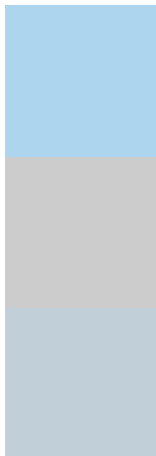
Deuteranomaly

62.1860, 0.2850, 0.2928

Tritanomaly

62.7470, 0.2723, 0.3064

Monochromacy



Original Color

62.5872, 0.2706, 0.3007

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9210, 0.2963, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5872, 0.2706, 0.3007 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(173, 213, 237)` looks like.

```
.text, #text, p{  
    color:rgb(173, 213, 237)  
}
```

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(173, 213, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 213, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.5872, 0.2706, 0.3007 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(173, 213, 237) }
```

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

```
.border{ border-color:rgb(173, 213, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 213, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 213, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 213, 237);  
box-shadow:4px 4px 4px 4px rgb(173, 213,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5872, 0.2706, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 213, 237) }
```

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

```
.background{ background-color: rgb(173,  
213, 237) }
```

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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