

Converting Colors

$Yxy(62.6938, 0.2724, 0.3090)$

Have a look what the booklet for
Yxy(62.6938, 0.2724, 0.3090)
contains.

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Color

Yxy(62.4087, 0.2722, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	AAD6E7
RGB	170, 214, 231
RGB Percent	67%, 84%, 91%
CMY	0.3334, 0.1608, 0.0940
CMYK	0.26, 0.07, 0.00, 0.09
HSL	197°, 56%, 79%
HSV	197°, 26%, 91%
XYZ	55.0475, 62.4087, 84.7755
YIQ	202.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

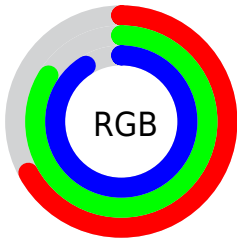
Format	Color
RYB	170, 196, 231
Decimal	11196135
CIELab	83.13, -10.51, -13.08
CIElCh	83, 16.778, 231.215
Yxy	62.4087, 0.2722, 0.3086
Android (android.graphics.Color)	4289386215 (0xFFAAD6E7)
YUV	202.7820, 13.9115, -28.7498
Hunter-Lab	78.9992, -13.8679, -8.3258

Details

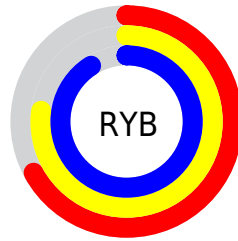
The Yxy color **62.4087, 0.2722, 0.3086** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.4405, 0.3645, 0.3485**, and the grayscale version is **59.5025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **31.6044, 0.2625, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **56.8611, 0.2576, 0.2996**, and if you desaturate by 10%, it is **68.5429, 0.2874, 0.3169**.

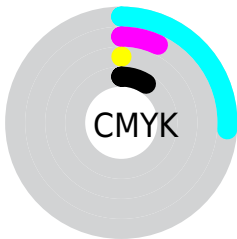
Distribution



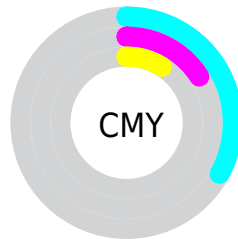
- Red (67%)
- Green (84%)
- Blue (91%)



- Red (67%)
- Yellow (77%)
- Blue (91%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4087, 0.2722, 0.3086 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 62.4087, 0.2722, 0.3086 by changing the saturation by 10% instead.

■ 62.4087, 0.2722,
0.3086

■ 62.4087, 0.2722,
0.3086

433.4203, 0.2912,
0.3185

■ 45.3630, 0.2678,
0.3062

■ 108.3160, 0.2788,
0.3121

■ 31.7435, 0.2624,
0.3032

137.9464, 0.2814,
0.3135

■ 21.1656, 0.2554,
0.2993

172.5405, 0.2836,
0.3146

■ 13.2451, 0.2463,
0.2940

212.4827, 0.2855,
0.3156

■ 7.5976, 0.2337,
0.2865

258.1574, 0.2872,
0.3165

■ 3.8385, 0.2155,
0.2750

309.9490, 0.2887,

■ 1.5837, 0.1870,

0.3173

368.2418, 0.2900,
0.3179

0.2557

0.3465, 0.0416,
0.1981

0.0000, 0.0000,
0.0000

62.4087, 0.2722,
0.3086

62.4087, 0.2722,
0.3086

56.8611, 0.2576,
0.2996

68.5429, 0.2874,
0.3169

51.8673, 0.2439,
0.2900

75.2795, 0.3028,
0.3245

47.4026, 0.2315,
0.2800

82.6429, 0.3182,
0.3314

43.4367, 0.2207,
0.2696

89.2256, 0.3283,
0.3376

■ 39.9358, 0.2118,
0.2590

■ 93.0833, 0.3276,
0.3439

■ 36.8605, 0.2049,
0.2484

■ 97.0771, 0.3270,
0.3500

■ 34.1615, 0.1999,
0.2379

■ 98.5518, 0.3267,
0.3522

■ 33.2609, 0.1984,
0.2342

Harmonies

Analogous

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



62.4087, 0.2778, 0.3269



62.4087, 0.2722, 0.3086



62.4087, 0.2769, 0.2967

Triad

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



62.4087, 0.2722, 0.3086



62.4087, 0.3325, 0.3121



62.4087, 0.3339, 0.3667

Complementary

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



62.4087, 0.2722, 0.3086



55.4405, 0.3645, 0.3485

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.



62.4087, 0.3494, 0.3611



62.4087, 0.2722, 0.3086



62.4087, 0.3488, 0.3294

Square

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



62.4087, 0.2722, 0.3086



62.4087, 0.3113, 0.2992



62.4087, 0.3550, 0.3472



62.4087, 0.3130, 0.3615

Rectangle

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



62.4087, 0.2722, 0.3086



62.4087, 0.2854, 0.2935



62.4087, 0.3550, 0.3472



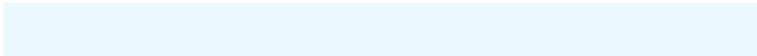
62.4087, 0.3399, 0.3660

Sweetspot

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



62.4112, 0.2722, 0.3086



92.7571, 0.3003, 0.3233



69.2739, 0.2995, 0.3839



19.5744, 0.2980, 0.3222



0.0000, 0.0000, 0.0000



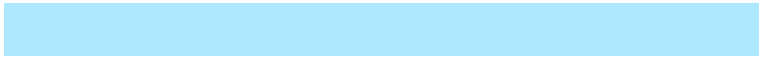
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4112, 0.2722, 0.3086



73.9975, 0.2637, 0.3035



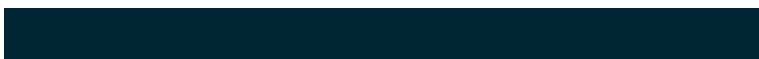
48.6878, 0.2687, 0.2714



15.6210, 0.2981, 0.3223



18.8585, 0.1989, 0.2359



1.5481, 0.2031, 0.2511

Inverse Universe

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



50.5901, 0.3298, 0.2806



57.1405, 0.3345, 0.2698



69.4154, 0.3563, 0.3806



14.5430, 0.3180, 0.3122



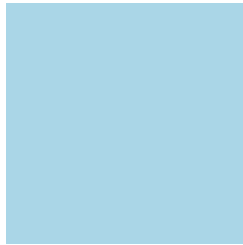
11.1015, 0.4065, 0.2013



0.8360, 0.3911, 0.1928

Previews

White Background



This preview shows how the Yxy color 62.4087, 0.2722, 0.3086 looks on a white background.

Color Contrast Check

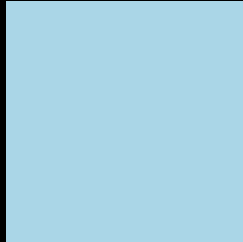
Large Text (above 18pt) WCAG AA × Fail

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 62.4087, 0.2722, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

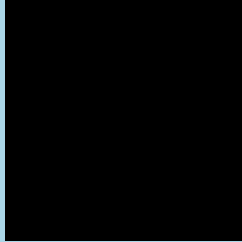
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4087, 0.2722, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 62.4087, 0.2722, 0.3086.



This preview shows how white text looks on a background with the Yxy color 62.4087, 0.2722, 0.3086.

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

62.4087, 0.2722, 0.3086

Protanopia

62.0780, 0.2990, 0.3063

Deuteranopia

62.0099, 0.2995, 0.2926



Tritanopia

62.4087, 0.2722, 0.3086

Trichromacy



Original Color

62.4087, 0.2722, 0.3086

Protanomaly

61.8643, 0.2885, 0.3069

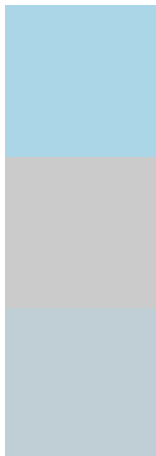
Deuteranomaly

62.0316, 0.2888, 0.2982

Tritanomaly

62.4087, 0.2722, 0.3086

Monochromacy



Original Color

62.4087, 0.2722, 0.3086

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.5061, 0.2969, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4087, 0.2722, 0.3086 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(170, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(170, 214, 231)  
}
```

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(170, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 214, 231) }
```

Border

The CSS property to change the border of an element to Yxy 62.4087, 0.2722, 0.3086 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(170, 214, 231) }
```

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

```
.border{ border-color:rgb(170, 214, 231) }
```

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

Here you see how a box with a 4 pixel rgb(170, 214, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(170, 214,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4087, 0.2722, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 214, 231) }
```

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

```
.background{ background-color: rgb(170,  
214, 231) }
```

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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