

Converting Colors

$Yxy(61.1999, 0.2719, 0.3023)$

Have a look what the booklet for
Yxy(61.1999, 0.2719, 0.3023)
contains.

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Color

Yxy(61.2424, 0.2720, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	ACD3E9
RGB	172, 211, 233
RGB Percent	67%, 83%, 91%
CMY	0.3255, 0.1725, 0.0863
CMYK	0.26, 0.09, 0.00, 0.09
HSL	202°, 58%, 79%
HSV	202°, 26%, 91%
XYZ	55.0130, 61.2424, 85.9982
YIQ	201.8470, -30.3060, -1.4260

Conversions

Conversions Part 2

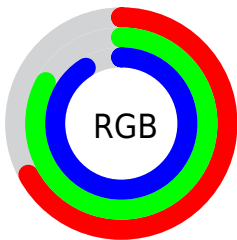
Format	Color
RYB	172, 196, 233
Decimal	11326441
CIELab	82.51, -7.92, -15.03
CIElCh	83, 16.988, 242.219
Yxy	61.2424, 0.2720, 0.3028
Android (android.graphics.Color)	4289516521 (0xFFACD3E9)
YUV	201.8470, 15.3584, -26.1758
Hunter-Lab	78.2575, -11.4698, -10.3743

Details

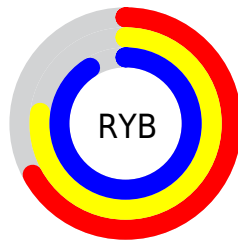
The Yxy color **61.2424, 0.2720, 0.3028** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8723, 0.3625, 0.3538**, and the grayscale version is **58.8798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **31.1398, 0.2622, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **54.7722, 0.2567, 0.2911**, and if you desaturate by 10%, it is **68.3976, 0.2876, 0.3136**.

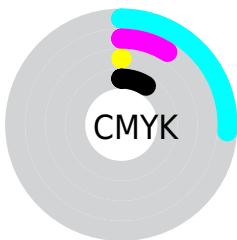
Distribution



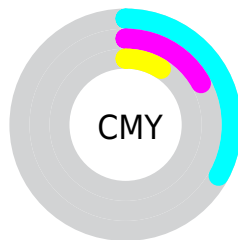
- Red (67%)
- Green (83%)
- Blue (91%)



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



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



- Cyan (33%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2424, 0.2720, 0.3028 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 61.2424, 0.2720, 0.3028 by changing the saturation by 10% instead.

■ 61.2424, 0.2720,
0.3028

■ 61.2424, 0.2720,
0.3028

429.1622, 0.2912,
0.3155

■ 44.4208, 0.2676,
0.2998

■ 106.6298, 0.2787,
0.3073

■ 31.0015, 0.2620,
0.2960

135.9645, 0.2813,
0.3090

■ 20.6000, 0.2550,
0.2911

170.2389, 0.2835,
0.3105

■ 12.8319, 0.2457,
0.2845

209.8376, 0.2855,
0.3118

■ 7.3129, 0.2329,
0.2752

255.1449, 0.2871,
0.3129

■ 3.6585, 0.2144,
0.2612

306.5451, 0.2886,

■ 1.4845, 0.1852,

0.3138

0.2380

364.4228, 0.2900,
0.3147

0.2777, 0.0403,
0.1581

0.0000, 0.0000,
0.0000

61.2424, 0.2720,
0.3028

61.2424, 0.2720,
0.3028

54.7722, 0.2567,
0.2911

68.3976, 0.2876,
0.3136

48.9521, 0.2421,
0.2785

76.2559, 0.3032,
0.3234

43.7549, 0.2286,
0.2652

84.8439, 0.3185,
0.3323

39.1480, 0.2165,
0.2514

92.1994, 0.3266,
0.3404

■ 35.0951, 0.2063,
0.2374

■ 97.3840, 0.3258,
0.3484

■ 31.5539, 0.1982,
0.2234

■ 98.6622, 0.3256,
0.3503

■ 28.4728, 0.1921,
0.2097

■ 27.3847, 0.1902,
0.2046

Harmonies

Analogous

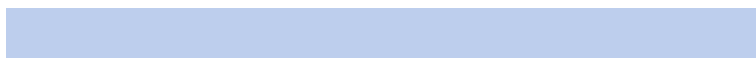
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.2424, 0.2739, 0.3195



61.2424, 0.2720, 0.3028



61.2424, 0.2805, 0.2938

Triad

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



61.2424, 0.2720, 0.3028



61.2424, 0.3399, 0.3179



61.2424, 0.3268, 0.3668

Complementary

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



61.2424, 0.2720, 0.3028



58.8723, 0.3625, 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.



61.2424, 0.3453, 0.3650



61.2424, 0.2720, 0.3028



61.2424, 0.3532, 0.3362

Square

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



61.2424, 0.2720, 0.3028



61.2424, 0.3194, 0.3027



61.2424, 0.3551, 0.3535



61.2424, 0.3050, 0.3576

Rectangle

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



61.2424, 0.2720, 0.3028



61.2424, 0.2912, 0.2929



61.2424, 0.3551, 0.3535



61.2424, 0.3336, 0.3674

Sweetspot

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



61.2449, 0.2720, 0.3028



91.7331, 0.3003, 0.3217



70.9044, 0.2967, 0.3769



19.3157, 0.2980, 0.3202



0.0000, 0.0000, 0.0000



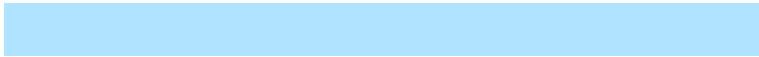
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2449, 0.2720, 0.3028



71.1165, 0.2643, 0.2971



47.7608, 0.2685, 0.2657



16.1558, 0.2981, 0.3203



15.7844, 0.1908, 0.2067



1.4207, 0.1960, 0.2255

Inverse Universe

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



51.5295, 0.3339, 0.2862



57.8103, 0.3390, 0.2778



73.5221, 0.3545, 0.3853



15.2163, 0.3193, 0.3140



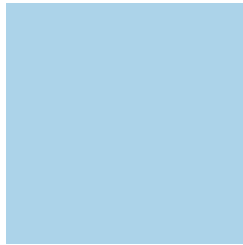
11.0862, 0.4378, 0.2185



0.8888, 0.4173, 0.2073

Previews

White Background



This preview shows how the Yxy color 61.2424, 0.2720, 0.3028 looks on a white background.

Color Contrast Check

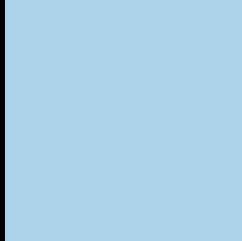
Large Text (above 18pt) WCAG AA × Fail

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 61.2424, 0.2720, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

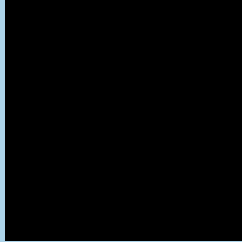
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

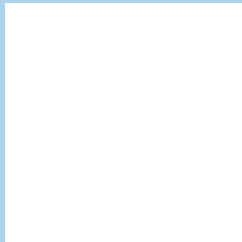
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2424, 0.2720, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 61.2424, 0.2720, 0.3028.



This preview shows how white text looks on a background with the Yxy color 61.2424, 0.2720, 0.3028.

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

61.2424, 0.2720, 0.3028

Protanopia

60.8699, 0.2948, 0.3005

Deuteranopia

61.0083, 0.2959, 0.2901



Tritanopia

61.4020, 0.2738, 0.3086

Trichromacy



Original Color

61.2424, 0.2720, 0.3028

Protanomaly

60.9322, 0.2858, 0.3011

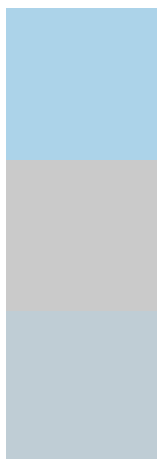
Deuteranomaly

60.8620, 0.2867, 0.2947

Tritanomaly

61.4581, 0.2732, 0.3074

Monochromacy



Original Color

61.2424, 0.2720, 0.3028

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5431, 0.2968, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2424, 0.2720, 0.3028 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(172, 211, 233)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 233)  
}
```

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(172, 211, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 233) }
```

Border

The CSS property to change the border of an element to Yxy 61.2424, 0.2720, 0.3028 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(172, 211, 233) }
```

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

```
.border{ border-color:rgb(172, 211, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 211, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 233);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2424, 0.2720, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 233) }
```

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

```
.background{ background-color: rgb(172,  
211, 233) }
```

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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