

Converting Colors

$Yxy(62.6016, 0.2793, 0.3018)$

Have a look what the booklet for
Yxy(62.6016, 0.2793, 0.3018)
contains.

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Color

Yxy(62.7194, 0.2791, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	B8D3EA
RGB	184, 211, 234
RGB Percent	72%, 83%, 92%
CMY	0.2782, 0.1726, 0.0823
CMYK	0.21, 0.10, 0.00, 0.08
HSL	208°, 54%, 82%
HSV	208°, 21%, 92%
XYZ	57.9252, 62.7194, 86.8981
YIQ	205.5490, -23.4750, 1.4290

Conversions

Conversions Part 2

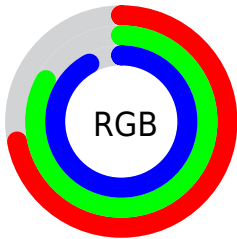
Format	Color
RYB	184, 202, 234
Decimal	12112874
CIELab	83.29, -4.08, -14.32
CIELCh	83, 14.887, 254.103
Yxy	62.7194, 0.2791, 0.3022
Android (android.graphics.Color)	4290302954 (0xFFB8D3EA)
YUV	205.5490, 14.0263, -18.8985
Hunter-Lab	79.1956, -8.0339, -9.6196

Details

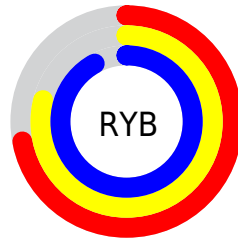
The Yxy color **62.7194, 0.2791, 0.3022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6254, 0.3506, 0.3544**, and the grayscale version is **61.3470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **32.0741, 0.2709, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **54.8850, 0.2629, 0.2876**, and if you desaturate by 10%, it is **71.3966, 0.2951, 0.3155**.

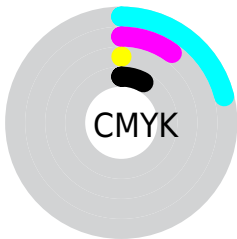
Distribution



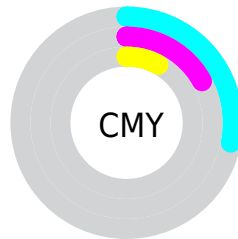
- Red (72%)
- Green (83%)
- Blue (92%)



- Red (72%)
- Yellow (79%)
- Blue (92%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (28%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7194, 0.2791, 0.3022 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 62.7194, 0.2791, 0.3022 by changing the saturation by 10% instead.

■ 62.7194, 0.2791,
0.3022

■ 62.7194, 0.2791,
0.3022

434.5504, 0.2949,
0.3150

■ 45.6142, 0.2754,
0.2992

■ 108.7646, 0.2846,
0.3067

■ 31.9415, 0.2709,
0.2954

138.4734, 0.2868,
0.3084

■ 21.3168, 0.2650,
0.2906

173.1523, 0.2886,
0.3099

■ 13.3558, 0.2574,
0.2842

213.1855, 0.2902,
0.3112

■ 7.6740, 0.2468,
0.2752

258.9575, 0.2916,
0.3123

■ 3.8871, 0.2313,
0.2619

310.8528, 0.2928,

■ 1.6106, 0.2069,

0.3133

0.2402

369.2556, 0.2939,
0.3142

0.3647, 0.1189,
0.1755

0.0000, 0.0000,
0.0000

62.7194, 0.2791,
0.3022

62.7194, 0.2791,
0.3022

54.8850, 0.2629,
0.2876

71.3966, 0.2951,
0.3155

47.8554, 0.2470,
0.2717

80.9377, 0.3107,
0.3275

41.6002, 0.2316,
0.2547

91.3722, 0.3256,
0.3382

36.0843, 0.2173,
0.2370

98.1696, 0.3251,
0.3485

■ 31.2685, 0.2047,
0.2189

■ 98.7208, 0.3250,
0.3493

■ 27.1090, 0.1940,
0.2008

■ 23.5545, 0.1857,
0.1832

■ 20.8979, 0.1802,
0.1686

Harmonies

Analogous

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



62.7194, 0.2771, 0.3145



62.7194, 0.2791, 0.3022



62.7194, 0.2899, 0.2973

Triad

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



62.7194, 0.2791, 0.3022



62.7194, 0.3419, 0.3256



62.7194, 0.3176, 0.3597

Complementary

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



62.7194, 0.2791, 0.3022



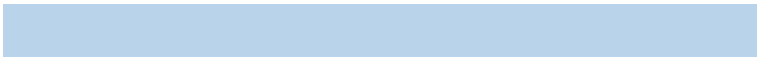
65.6254, 0.3506, 0.3544

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.



62.7194, 0.3354, 0.3620



62.7194, 0.2791, 0.3022



62.7194, 0.3497, 0.3417

Square

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



62.7194, 0.2791, 0.3022



62.7194, 0.3260, 0.3108



62.7194, 0.3473, 0.3551



62.7194, 0.2989, 0.3483

Rectangle

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



62.7194, 0.2791, 0.3022



62.7194, 0.3008, 0.2986



62.7194, 0.3473, 0.3551



62.7194, 0.3239, 0.3615

Sweetspot

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



62.7220, 0.2791, 0.3022



92.7952, 0.3034, 0.3220



73.5303, 0.2966, 0.3610



19.6992, 0.3024, 0.3213



0.0000, 0.0000, 0.0000



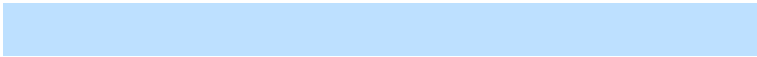
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7220, 0.2791, 0.3022



71.5477, 0.2714, 0.2954



51.4969, 0.2770, 0.2727



15.8940, 0.2981, 0.3179



11.9976, 0.1809, 0.1712



1.1343, 0.1875, 0.1948

Inverse Universe

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



56.5059, 0.3333, 0.2997



62.9319, 0.3391, 0.2928



78.3940, 0.3454, 0.3797



15.1899, 0.3209, 0.3164



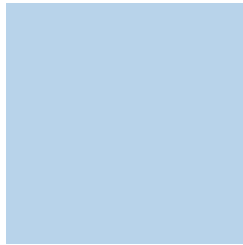
10.7040, 0.4791, 0.2413



0.8599, 0.4512, 0.2259

Previews

White Background



This preview shows how the Yxy color 62.7194, 0.2791, 0.3022 looks on a white background.

Color Contrast Check

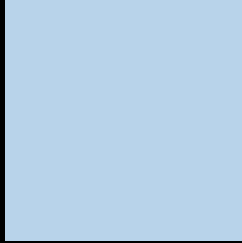
Large Text (above 18pt) WCAG AA × Fail

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 62.7194, 0.2791, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

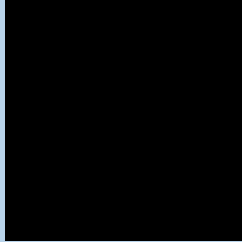
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

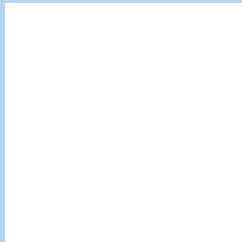
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7194, 0.2791, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 62.7194, 0.2791, 0.3022.



This preview shows how white text looks on a background with the Yxy color 62.7194, 0.2791, 0.3022.

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

62.7194, 0.2791, 0.3022

Protanopia

62.7495, 0.2943, 0.3008

Deuteranopia

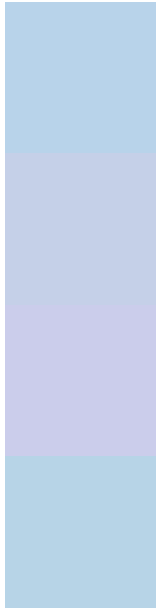
62.5933, 0.2981, 0.2916



Tritanopia

62.8114, 0.2815, 0.3090

Trichromacy



Original Color

62.7194, 0.2791, 0.3022

Protanomaly

62.8083, 0.2888, 0.3016

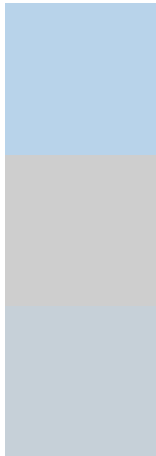
Deuteranomaly

62.3573, 0.2910, 0.2952

Tritanomaly

62.9238, 0.2803, 0.3067

Monochromacy



Original Color

62.7194, 0.2791, 0.3022

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0754, 0.2999, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7194, 0.2791, 0.3022 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(184, 211, 234)` looks like.

```
.text, #text, p{  
    color:rgb(184, 211, 234)  
}
```

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(184, 211, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 211, 234) }
```

Border

The CSS property to change the border of an element to Yxy 62.7194, 0.2791, 0.3022 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(184, 211, 234) }
```

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

```
.border{ border-color:rgb(184, 211, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 211, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 211, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 211, 234);  
box-shadow:4px 4px 4px 4px rgb(184, 211,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7194, 0.2791, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 211, 234) }
```

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

```
.background{ background-color: rgb(184,  
211, 234) }
```

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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