

Converting Colors

$Yxy(62.6993, 0.2860, 0.3070)$

Have a look what the booklet for
Yxy(62.6993, 0.2860, 0.3070)
contains.

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Color

Yxy(62.6975, 0.2860, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	BED2E5
RGB	190, 210, 229
RGB Percent	75%, 82%, 90%
CMY	0.2549, 0.1765, 0.1019
CMYK	0.17, 0.08, 0.00, 0.10
HSL	209°, 43%, 82%
HSV	209°, 17%, 90%
XYZ	58.4278, 62.6975, 83.1677
YIQ	206.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

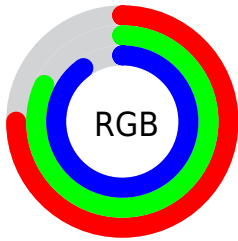
Format	Color
R _Y B	190, 203, 229
Decimal	12505829
CIE _{Lab}	83.28, -2.81, -11.64
CIE _{LCh}	83, 11.978, 256.454
Yxy	62.6975, 0.2860, 0.3069
Android (android.graphics.Color)	4290695909 (0xFFBED2E5)
YUV	206.1860, 11.2473, -14.1951
Hunter-Lab	79.1818, -6.8539, -6.8473

Details

The Yxy color **62.6975, 0.2860, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9947, 0.3418, 0.3501**, and the grayscale version is **61.7846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **32.0672, 0.2789, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **54.6564, 0.2697, 0.2920**, and if you desaturate by 10%, it is **71.5919, 0.3019, 0.3204**.

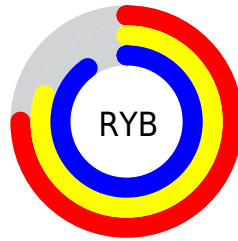
Distribution



Red (75%)

Green (82%)

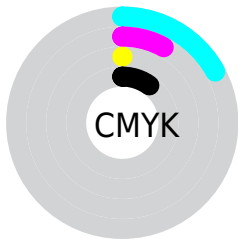
Blue (90%)



Red (75%)

Yellow (80%)

Blue (90%)

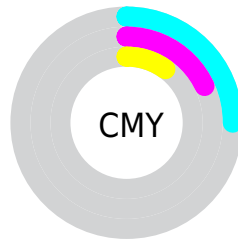


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (10%)



Cyan (25%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6975, 0.2860, 0.3069 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 62.6975, 0.2860, 0.3069 by changing the saturation by 10% instead.

■ 62.6975, 0.2860,
0.3069

■ 62.6975, 0.2860,
0.3069

434.4708, 0.2986,
0.3174

■ 45.5965, 0.2831,
0.3044

■ 108.7330, 0.2904,
0.3106

■ 31.9276, 0.2794,
0.3013

138.4363, 0.2921,
0.3120

■ 21.3062, 0.2747,
0.2973

173.1092, 0.2936,
0.3133

■ 13.3480, 0.2685,
0.2920

213.1360, 0.2949,
0.3143

■ 7.6686, 0.2599,
0.2846

258.9012, 0.2960,
0.3152

■ 3.8836, 0.2472,
0.2735

310.7891, 0.2970,

■ 1.6087, 0.2268,

0.3161

369.1842, 0.2978,
0.3168

0.2552

0.3634, 0.1480,
0.1942

0.0000, 0.0000,
0.0000

62.6975, 0.2860,
0.3069

62.6975, 0.2860,
0.3069

54.6564, 0.2697,
0.2920

71.5919, 0.3019,
0.3204

47.4314, 0.2534,
0.2757

81.3595, 0.3172,
0.3324

40.9937, 0.2374,
0.2582

91.3183, 0.3292,
0.3432

35.3097, 0.2223,
0.2397

98.2242, 0.3280,
0.3539

■ 30.3426, 0.2085,
0.2207

■ 98.4385, 0.3279,
0.3542

■ 26.0514, 0.1966,
0.2015

■ 22.3894, 0.1869,
0.1827

■ 19.2983, 0.1796,
0.1648

■ 18.4668, 0.1777,
0.1597

Harmonies

Analogous

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



62.6975, 0.2838, 0.3165



62.6975, 0.2860, 0.3069



62.6975, 0.2953, 0.3034

Triad

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



62.6975, 0.2860, 0.3069



62.6975, 0.3369, 0.3274



62.6975, 0.3155, 0.3530

Complementary

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



62.6975, 0.2860, 0.3069



65.9947, 0.3418, 0.3501

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.



62.6975, 0.3300, 0.3556



62.6975, 0.2860, 0.3069



62.6975, 0.3426, 0.3404

Square

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



62.6975, 0.2860, 0.3069



62.6975, 0.3246, 0.3151



62.6975, 0.3400, 0.3508



62.6975, 0.3006, 0.3435

Rectangle

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



62.6975, 0.2860, 0.3069



62.6975, 0.3043, 0.3047



62.6975, 0.3400, 0.3508



62.6975, 0.3206, 0.3547

Sweetspot

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



62.7001, 0.2860, 0.3069



93.7594, 0.3050, 0.3229



71.5965, 0.2990, 0.3523



19.8855, 0.3039, 0.3220



0.0000, 0.0000, 0.0000



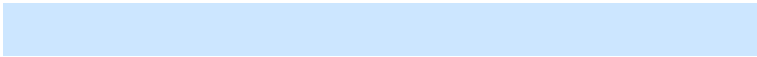
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7001, 0.2860, 0.3069



76.7266, 0.2810, 0.3025



53.7180, 0.2849, 0.2837



15.1024, 0.2981, 0.3172



10.7982, 0.1784, 0.1624



0.9838, 0.1857, 0.1883

Inverse Universe

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



58.1444, 0.3293, 0.3070



70.1665, 0.3328, 0.3028



76.0725, 0.3384, 0.3706



14.4907, 0.3212, 0.3170



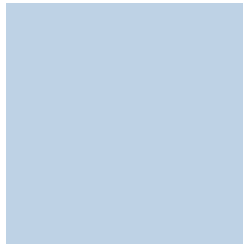
10.2878, 0.4901, 0.2474



0.7790, 0.4587, 0.2301

Previews

White Background



This preview shows how the Yxy color 62.6975, 0.2860, 0.3069 looks on a white background.

Color Contrast Check

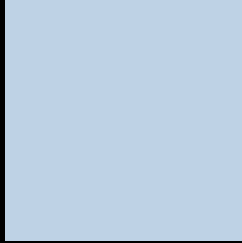
Large Text (above 18pt) WCAG AA × Fail

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 62.6975, 0.2860, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

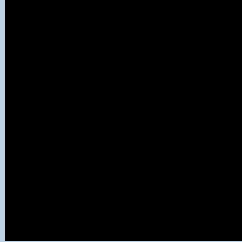
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

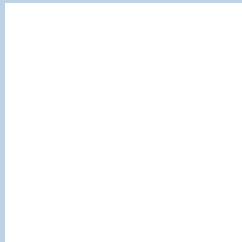
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6975, 0.2860, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 62.6975, 0.2860, 0.3069.



This preview shows how white text looks on a background with the Yxy color 62.6975, 0.2860, 0.3069.

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

62.6975, 0.2860, 0.3069

Protanopia

62.6127, 0.2983, 0.3063

Deuteranopia

62.6095, 0.3030, 0.2970



Tritanopia

62.5864, 0.2873, 0.3092

Trichromacy



Original Color

62.6975, 0.2860, 0.3069

Protanomaly

62.4511, 0.2941, 0.3061

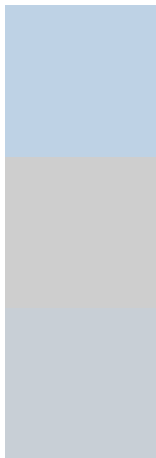
Deuteranomaly

62.6412, 0.2971, 0.3009

Tritanomaly

62.6418, 0.2866, 0.3081

Monochromacy



Original Color

62.6975, 0.2860, 0.3069

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7600, 0.3027, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6975, 0.2860, 0.3069 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(190, 210, 229)` looks like.

```
.text, #text, p{  
    color:rgb(190, 210, 229)  
}
```

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(190, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 210, 229) }
```

Border

The CSS property to change the border of an element to Yxy 62.6975, 0.2860, 0.3069 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(190, 210, 229) }
```

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

```
.border{ border-color:rgb(190, 210, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 210, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 210, 229);  
box-shadow:4px 4px 4px 4px rgb(190, 210,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6975, 0.2860, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 210, 229) }
```

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

```
.background{ background-color: rgb(190,  
210, 229) }
```

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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