

Converting Colors

$Yxy(62.3825, 0.2924, 0.3112)$

Have a look what the booklet for
Yxy(62.3825, 0.2924, 0.3112)
contains.

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Color

Yxy(62.5848, 0.2926, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	C3D1E0
RGB	195, 209, 224
RGB Percent	76%, 82%, 88%
CMY	0.2351, 0.1804, 0.1216
CMYK	0.13, 0.07, 0.00, 0.12
HSL	211°, 32%, 82%
HSV	211°, 13%, 88%
XYZ	58.7687, 62.5848, 79.4964
YIQ	206.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

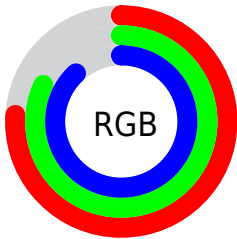
Format	Color
R _Y B	195, 204, 224
Decimal	12833248
CIE Lab	83.22, -1.72, -9.02
CIE LCh	83, 9.180, 259.177
Yxy	62.5848, 0.2926, 0.3116
Android (android.graphics.Color)	4291023328 (0xFFC3D1E0)
YUV	206.5240, 8.6157, -10.1065
Hunter-Lab	79.1106, -5.8416, -4.2018

Details

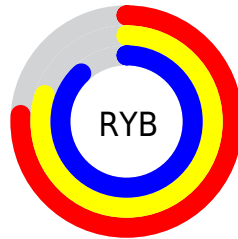
The Yxy color **62.5848, 0.2926, 0.3116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9051, 0.3340, 0.3458**, and the grayscale version is **62.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **31.9700, 0.2873, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **54.3333, 0.2764, 0.2964**, and if you desaturate by 10%, it is **71.7041, 0.3083, 0.3253**.

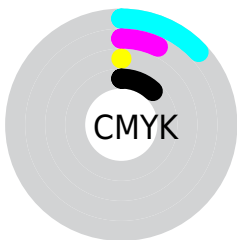
Distribution



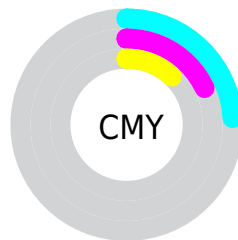
- Red (76%)
- Green (82%)
- Blue (88%)



- Red (76%)
- Yellow (80%)
- Blue (88%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5848, 0.2926, 0.3116 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 62.5848, 0.2926, 0.3116 by changing the saturation by 10% instead.

■ 62.5848, 0.2926,
0.3116

■ 62.5848, 0.2926,
0.3116

434.0611, 0.3021,
0.3199

■ 45.5054, 0.2904,
0.3096

■ 108.5703, 0.2959,
0.3145

■ 31.8557, 0.2876,
0.3072

138.2452, 0.2972,
0.3156

■ 21.2513, 0.2840,
0.3041

172.8873, 0.2983,
0.3166

■ 13.3078, 0.2793,
0.2999

212.8811, 0.2993,
0.3174

■ 7.6409, 0.2727,
0.2940

258.6110, 0.3001,
0.3182

■ 3.8660, 0.2628,
0.2852

310.4614, 0.3009,

■ 1.5989, 0.2467,

0.3188

0.2705

368.8166, 0.3015,
0.3194

0.3569, 0.1775,
0.2132

0.0000, 0.0000,
0.0000

62.5848, 0.2926,
0.3116

62.5848, 0.2926,
0.3116

54.3333, 0.2764,
0.2964

71.7041, 0.3083,
0.3253

46.9132, 0.2598,
0.2796

81.7106, 0.3232,
0.3375

40.2966, 0.2433,
0.2615

91.2322, 0.3323,
0.3485

34.4510, 0.2274,
0.2422

98.1613, 0.3310,
0.3592

■ 29.3410, 0.2126,
0.2221

■ 24.9280, 0.1994,
0.2017

■ 21.1683, 0.1883,
0.1816

■ 18.0110, 0.1797,
0.1624

■ 16.0880, 0.1749,
0.1496

Harmonies

Analogous

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



62.5848, 0.2903, 0.3187



62.5848, 0.2926, 0.3116



62.5848, 0.3002, 0.3093

Triad

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



62.5848, 0.2926, 0.3116



62.5848, 0.3319, 0.3288



62.5848, 0.3139, 0.3468

Complementary

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



62.5848, 0.2926, 0.3116



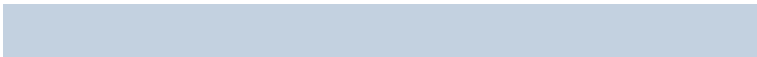
65.9051, 0.3340, 0.3458

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.



62.5848, 0.3251, 0.3494



62.5848, 0.2926, 0.3116



62.5848, 0.3357, 0.3387

Square

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



62.5848, 0.2926, 0.3116



62.5848, 0.3229, 0.3191



62.5848, 0.3332, 0.3463



62.5848, 0.3025, 0.3392

Rectangle

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



62.5848, 0.2926, 0.3116



62.5848, 0.3073, 0.3106



62.5848, 0.3332, 0.3463



62.5848, 0.3178, 0.3483

Sweetspot

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



62.5874, 0.2926, 0.3116



94.7902, 0.3066, 0.3238



69.5685, 0.3017, 0.3451



20.0839, 0.3054, 0.3229



0.0000, 0.0000, 0.0000



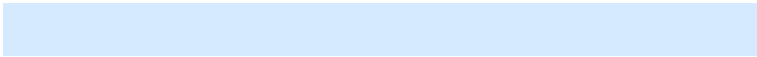
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5874, 0.2926, 0.3116



80.3101, 0.2875, 0.3069



56.1068, 0.2925, 0.2951



14.3276, 0.2981, 0.3165



9.5931, 0.1757, 0.1523



0.8436, 0.1836, 0.1809

Inverse Universe

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



59.5014, 0.3254, 0.3135



75.3867, 0.3291, 0.3095



73.0178, 0.3316, 0.3609



13.8100, 0.3217, 0.3178



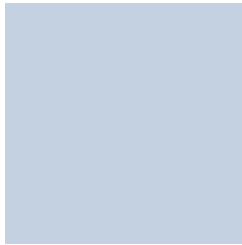
9.8765, 0.5029, 0.2544



0.7026, 0.4674, 0.2349

Previews

White Background



This preview shows how the Yxy color 62.5848, 0.2926, 0.3116 looks on a white background.

Color Contrast Check

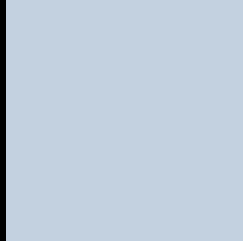
Large Text (above 18pt) WCAG AA × Fail

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 62.5848, 0.2926, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

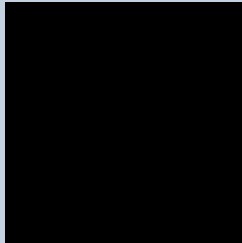
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

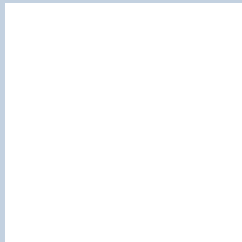
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5848, 0.2926, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 62.5848, 0.2926, 0.3116.

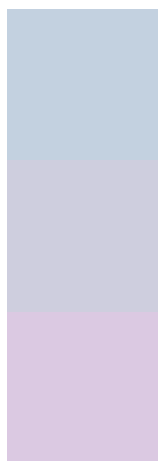


This preview shows how white text looks on a background with the Yxy color 62.5848, 0.2926, 0.3116.

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

62.5848, 0.2926, 0.3116

Protanopia

62.5384, 0.3017, 0.3108

Deuteranopia

62.3243, 0.3087, 0.3014



Tritanopia

62.6393, 0.2919, 0.3105

Trichromacy



Original Color

62.5848, 0.2926, 0.3116

Protanomaly

62.5099, 0.2981, 0.3107

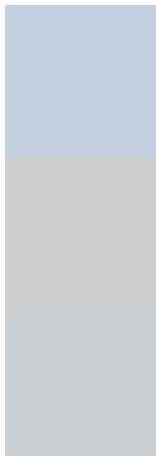
Deuteranomaly

62.3236, 0.3026, 0.3054

Tritanomaly

62.6393, 0.2919, 0.3105

Monochromacy



Original Color

62.5848, 0.2926, 0.3116

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6124, 0.3056, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5848, 0.2926, 0.3116 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(195, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 209, 224)  
}
```

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(195, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 209, 224) }
```

Border

The CSS property to change the border of an element to Yxy 62.5848, 0.2926, 0.3116 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(195, 209, 224) }
```

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

```
.border{ border-color:rgb(195, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 209,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5848, 0.2926, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 209, 224) }
```

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

```
.background{ background-color: rgb(195,  
209, 224) }
```

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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