

Converting Colors

Yxy(62.4242, 0.2986, 0.3121)

Have a look what the booklet for
Yxy(62.4242, 0.2986, 0.3121)
contains.

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Color

Yxy(62.4561, 0.2988, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	CACFDE
RGB	202, 207, 222
RGB Percent	79%, 81%, 87%
CMY	0.2079, 0.1882, 0.1295
CMYK	0.09, 0.07, 0.00, 0.13
HSL	225°, 23%, 83%
HSV	225°, 9%, 87%
XYZ	59.8521, 62.4561, 78.0000
YIQ	207.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

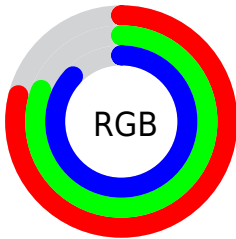
Format	Color
R _Y B	202, 206, 222
Decimal	13291486
CIE Lab	83.16, 1.17, -8.00
CIE LCh	83, 8.082, 278.334
Yxy	62.4561, 0.2988, 0.3118
Android (android.graphics.Color)	4291481566 (0xFFCACFDE)
YUV	207.2150, 7.2890, -4.5736
Hunter-Lab	79.0292, -3.1155, -3.1975

Details

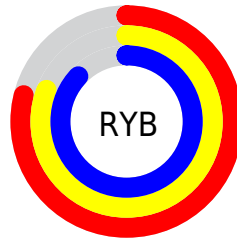
The Yxy color $62.4561, 0.2988, 0.3118$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.4058, 0.3266, 0.3456$, and the grayscale version is $62.4991, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8684, 0.2953, 0.3078$ is the 20% darker color. If you saturate the color by 10%, you get $51.9417, 0.2821, 0.2904$, and if you desaturate by 10%, it is $74.2703, 0.3142, 0.3308$.

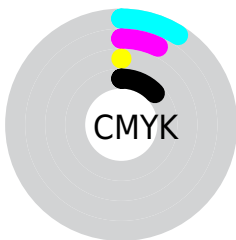
Distribution



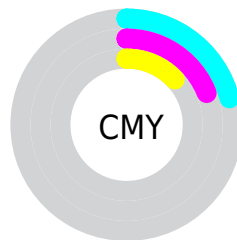
- Red (79%)
- Green (81%)
- Blue (87%)



- Red (79%)
- Yellow (81%)
- Blue (87%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4561, 0.2988, 0.3118 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 62.4561, 0.2988, 0.3118 by changing the saturation by 10% instead.

■ 62.4561, 0.2988,
0.3118

■ 62.4561, 0.2988,
0.3118

433.5929, 0.3054,
0.3200

■ 45.4013, 0.2972,
0.3099

108.3845, 0.3011,
0.3147

■ 31.7737, 0.2953,
0.3075

138.0268, 0.3020,
0.3158

■ 21.1887, 0.2928,
0.3044

172.6339, 0.3028,
0.3167

■ 13.2620, 0.2895,
0.3004

212.5900, 0.3035,
0.3175

■ 7.6092, 0.2848,
0.2947

258.2795, 0.3040,
0.3183

■ 3.8459, 0.2777,
0.2862

310.0869, 0.3046,

■ 1.5877, 0.2661,

0.3189

0.2723

368.3966, 0.3050,
0.3194

0.3493, 0.2186,
0.2118

0.0000, 0.0000,
0.0000

62.4561, 0.2988,
0.3118

62.4561, 0.2988,
0.3118

51.9417, 0.2821,
0.2904

74.2703, 0.3142,
0.3308

42.6740, 0.2642,
0.2666

87.4191, 0.3282,
0.3474

34.6080, 0.2455,
0.2406

98.0534, 0.3322,
0.3611

27.6927, 0.2266,
0.2129

■ 21.8733, 0.2082,
0.1845

■ 17.0903, 0.1913,
0.1564

■ 13.2782, 0.1768,
0.1301

■ 10.3625, 0.1657,
0.1072

■ 8.2446, 0.1582,
0.0888

Harmonies

Analogous

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



62.4561, 0.2936, 0.3155



62.4561, 0.2988, 0.3118



62.4561, 0.3077, 0.3126

Triad

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



62.4561, 0.2988, 0.3118



62.4561, 0.3323, 0.3345



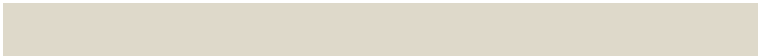
62.4561, 0.3072, 0.3408

Complementary

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



62.4561, 0.2988, 0.3118



69.4058, 0.3266, 0.3456

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.



62.4561, 0.3175, 0.3461



62.4561, 0.2988, 0.3118



62.4561, 0.3321, 0.3422

Square

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



62.4561, 0.2988, 0.3118



62.4561, 0.3272, 0.3256



62.4561, 0.3267, 0.3465



62.4561, 0.2984, 0.3323

Rectangle

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



62.4561, 0.2988, 0.3118



62.4561, 0.3146, 0.3156



62.4561, 0.3267, 0.3465



62.4561, 0.3106, 0.3430

Sweetspot

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



62.4587, 0.2988, 0.3118



94.9750, 0.3082, 0.3234



69.7851, 0.3022, 0.3350



20.0471, 0.3069, 0.3219



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.



62.4587, 0.2988, 0.3118



82.3786, 0.2954, 0.3076



60.7285, 0.3022, 0.3062



13.7989, 0.2981, 0.3109



4.9426, 0.1582, 0.0895



0.4837, 0.1664, 0.1191

Inverse Universe

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



62.2720, 0.3246, 0.3234



82.1103, 0.3277, 0.3221



71.3028, 0.3226, 0.3513



13.7566, 0.3253, 0.3231



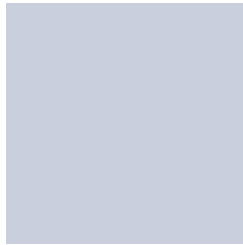
9.4070, 0.5919, 0.3035



0.6663, 0.5480, 0.2792

Previews

White Background



This preview shows how the Yxy color 62.4561, 0.2988, 0.3118 looks on a white background.

Color Contrast Check

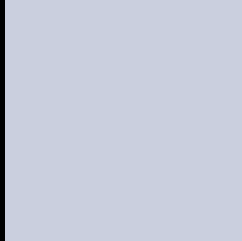
Large Text (above 18pt) WCAG AA × Fail

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 62.4561, 0.2988, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

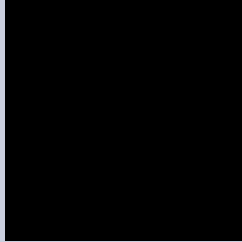
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

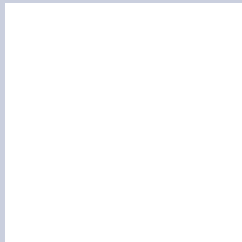
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4561, 0.2988, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 62.4561, 0.2988, 0.3118.

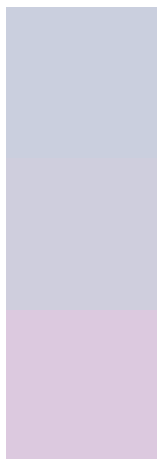


This preview shows how white text looks on a background with the Yxy color 62.4561, 0.2988, 0.3118.

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

62.4561, 0.2988, 0.3118

Protanopia

62.6285, 0.3031, 0.3119

Deuteranopia

62.3166, 0.3116, 0.3047



Tritanopia

62.5099, 0.2981, 0.3107

Trichromacy



Original Color

62.4561, 0.2988, 0.3118

Protanomaly

62.3422, 0.3016, 0.3119

Deuteranomaly

62.1857, 0.3062, 0.3066

Tritanomaly

62.5099, 0.2981, 0.3107

Monochromacy



Original Color

62.4561, 0.2988, 0.3118

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3582, 0.3078, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4561, 0.2988, 0.3118 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(202, 207, 222)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 222)  
}
```

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(202, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 222) }
```

Border

The CSS property to change the border of an element to Yxy 62.4561, 0.2988, 0.3118 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(202, 207, 222) }
```

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

```
.border{ border-color:rgb(202, 207, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
222) }
```


Background

The CSS property to change the background color of an element to Rgb 62.4561, 0.2988, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 222) }
```

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

```
.background{ background-color: rgb(202,  
207, 222) }
```

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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