

Converting Colors

Yxy(62.4964, 0.2944, 0.3207)

Have a look what the booklet for
Yxy(62.4964, 0.2944, 0.3207)
contains.

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Color

Yxy(62.3094, 0.2950, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C0D2D9
RGB	192, 210, 217
RGB Percent	75%, 82%, 85%
CMY	0.2470, 0.1765, 0.1489
CMYK	0.12, 0.03, 0.00, 0.15
HSL	197°, 25%, 80%
HSV	197°, 12%, 85%
XYZ	57.3161, 62.3094, 74.6664
YIQ	205.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

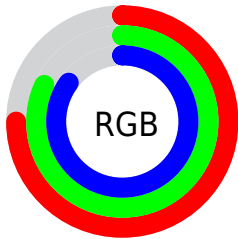
Format	Color
RYB	192, 202, 217
Decimal	12636889
CIELab	83.08, -4.63, -5.54
CIELCh	83, 7.226, 230.107
Yxy	62.3094, 0.2950, 0.3207
Android (android.graphics.Color)	4290826969 (0xFFC0D2D9)
YUV	205.4160, 5.7109, -11.7658
Hunter-Lab	78.9363, -8.5287, -0.8274

Details

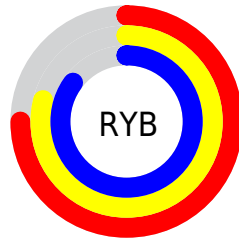
The Yxy color $62.3094, 0.2950, 0.3207$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.4338, 0.3323, 0.3372$, and the grayscale version is $61.3028, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8797, 0.3090, 0.3290$, and $31.7888, 0.2904, 0.3196$ is the 20% darker color. If you saturate the color by 10%, you get $56.7289, 0.2797, 0.3127$, and if you desaturate by 10%, it is $68.4278, 0.3104, 0.3280$.

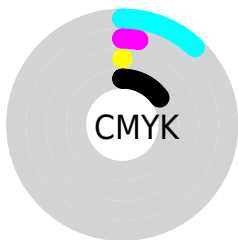
Distribution



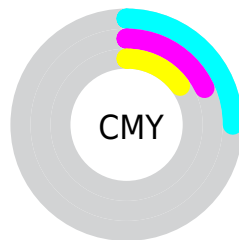
- Red (75%)
- Green (82%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3094, 0.2950, 0.3207 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 62.3094, 0.2950, 0.3207 by changing the saturation by 10% instead.

■ 62.3094, 0.2950,
0.3207

■ 62.3094, 0.2950,
0.3207

433.0588, 0.3034,
0.3247

■ 45.2827, 0.2930,
0.3197

■ 108.1726, 0.2980,
0.3221

■ 31.6802, 0.2906,
0.3185

137.7779, 0.2991,
0.3227

■ 21.1173, 0.2874,
0.3170

172.3449, 0.3001,
0.3231

■ 13.2098, 0.2832,
0.3149

212.2579, 0.3009,
0.3235

■ 7.5732, 0.2774,
0.3119

257.9015, 0.3016,
0.3239

■ 3.8231, 0.2686,
0.3073

309.6599, 0.3023,

■ 1.5751, 0.2541,

0.3242

0.2994

367.9175, 0.3029,
0.3245

0.3407, 0.1609,
0.2601

0.0000, 0.0000,
0.0000

62.3094, 0.2950,
0.3207

62.3094, 0.2950,
0.3207

56.7289, 0.2797,
0.3127

68.4278, 0.3104,
0.3280

51.6588, 0.2648,
0.3040

75.0945, 0.3256,
0.3345

47.0811, 0.2507,
0.2947

81.9225, 0.3390,
0.3404

42.9732, 0.2376,
0.2848

85.3448, 0.3381,
0.3464

■ 39.3105, 0.2259,
0.2745

■ 88.8868, 0.3372,
0.3523

■ 36.0656, 0.2160,
0.2639

■ 92.5497, 0.3363,
0.3582

■ 33.2073, 0.2080,
0.2533

■ 96.3346, 0.3355,
0.3639

■ 30.6985, 0.2021,
0.2427

■ 97.7909, 0.3351,
0.3661

■ 28.7917, 0.1983,
0.2338

Harmonies

Analogous

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



62.3094, 0.2977, 0.3286



62.3094, 0.2950, 0.3207



62.3094, 0.2970, 0.3152

Triad

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



62.3094, 0.2950, 0.3207



62.3094, 0.3210, 0.3214



62.3094, 0.3223, 0.3450

Complementary

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



62.3094, 0.2950, 0.3207



59.4338, 0.3323, 0.3372

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.



62.3094, 0.3287, 0.3428



62.3094, 0.2950, 0.3207



62.3094, 0.3280, 0.3291

Square

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



62.3094, 0.2950, 0.3207



62.3094, 0.3119, 0.3157



62.3094, 0.3308, 0.3369



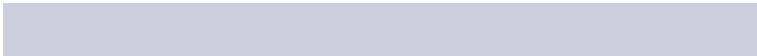
62.3094, 0.3134, 0.3429

Rectangle

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



62.3094, 0.2950, 0.3207



62.3094, 0.3007, 0.3135



62.3094, 0.3308, 0.3369



62.3094, 0.3248, 0.3448

Sweetspot

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



62.3120, 0.2950, 0.3207



97.2133, 0.3081, 0.3269



64.9567, 0.3069, 0.3508



20.6509, 0.3068, 0.3263



0.0000, 0.0000, 0.0000



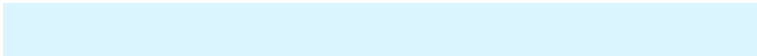
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3120, 0.2950, 0.3207



87.6095, 0.2910, 0.3187



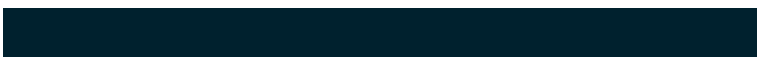
56.5447, 0.2947, 0.3062



14.1785, 0.2982, 0.3223



17.6120, 0.1987, 0.2353



1.2840, 0.2035, 0.2524

Inverse Universe

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



57.1192, 0.3193, 0.3086



78.6701, 0.3210, 0.3038



65.2454, 0.3306, 0.3508



13.2092, 0.3180, 0.3123



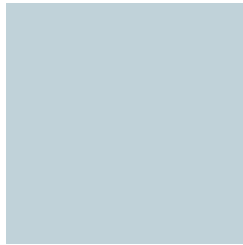
10.4017, 0.4071, 0.2016



0.6883, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 62.3094, 0.2950, 0.3207 looks on a white background.

Color Contrast Check

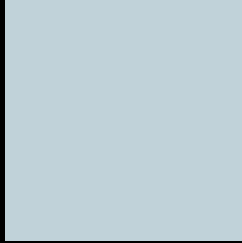
Large Text (above 18pt) WCAG AA × Fail

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 62.3094, 0.2950, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

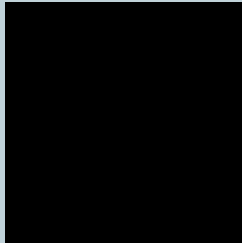
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3094, 0.2950, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 62.3094, 0.2950, 0.3207.



This preview shows how white text looks on a background with the Yxy color 62.3094, 0.2950, 0.3207.

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

62.3094, 0.2950, 0.3207

Protanopia

61.9276, 0.3087, 0.3187

Deuteranopia

62.2599, 0.3152, 0.3091



Tritanopia

62.3746, 0.2905, 0.3104

Trichromacy



Original Color

62.3094, 0.2950, 0.3207

Protanomaly

62.0885, 0.3035, 0.3197

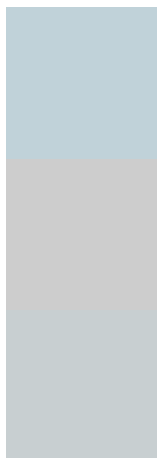
Deuteranomaly

61.9493, 0.3074, 0.3131

Tritanomaly

62.2123, 0.2924, 0.3138

Monochromacy



Original Color

62.3094, 0.2950, 0.3207

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5085, 0.3061, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3094, 0.2950, 0.3207 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(192, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 217)  
}
```

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(192, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.3094, 0.2950, 0.3207 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(192, 210, 217) }
```

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

```
.border{ border-color:rgb(192, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3094, 0.2950, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 217) }
```

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

```
.background{ background-color: rgb(192,  
210, 217) }
```

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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