

Converting Colors

$Y_{xy}(61.2501, 0.2925, 0.3117)$

Have a look what the booklet for
Yxy(61.2501, 0.2925, 0.3117)
contains.

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Color

Yxy(61.2370, 0.2924, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	C1CFDE
RGB	193, 207, 222
RGB Percent	76%, 81%, 87%
CMY	0.2430, 0.1883, 0.1293
CMYK	0.13, 0.07, 0.00, 0.13
HSL	211°, 31%, 81%
HSV	211°, 13%, 87%
XYZ	57.5006, 61.2370, 77.9130
YIQ	204.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

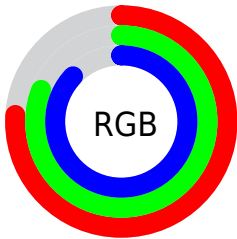
Format	Color
R _Y B	193, 202, 222
Decimal	12701662
CIE Lab	82.51, -1.72, -9.05
CIE LCh	83, 9.211, 259.256
Yxy	61.2370, 0.2924, 0.3114
Android (android.graphics.Color)	4290891742 (0xFFC1CFDE)
YUV	204.5240, 8.6157, -10.1065
Hunter-Lab	78.2541, -5.7839, -4.2537

Details

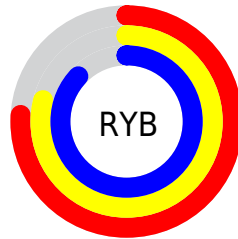
The Yxy color **61.2370, 0.2924, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5365, 0.3342, 0.3460**, and the grayscale version is **60.6893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **31.0615, 0.2870, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **53.1574, 0.2762, 0.2961**, and if you desaturate by 10%, it is **70.1670, 0.3081, 0.3251**.

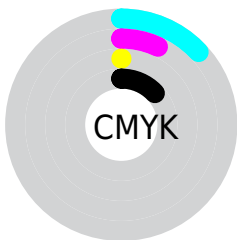
Distribution



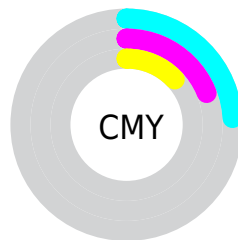
- Red (76%)
- Green (81%)
- Blue (87%)



- Red (76%)
- Yellow (79%)
- Blue (87%)



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



- Cyan (24%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2370, 0.2924, 0.3114 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 61.2370, 0.2924, 0.3114 by changing the saturation by 10% instead.

■ 61.2370, 0.2924,
0.3114

■ 61.2370, 0.2924,
0.3114

429.1424, 0.3021,
0.3198

■ 44.4165, 0.2901,
0.3094

■ 106.6220, 0.2958,
0.3144

■ 30.9980, 0.2873,
0.3069

135.9553, 0.2971,
0.3155

■ 20.5974, 0.2836,
0.3037

170.2283, 0.2982,
0.3165

■ 12.8300, 0.2788,
0.2994

209.8253, 0.2992,
0.3173

■ 7.3116, 0.2720,
0.2933

255.1309, 0.3000,
0.3181

■ 3.6577, 0.2618,
0.2842

306.5293, 0.3008,

■ 1.4840, 0.2450,

0.3187

0.2689

364.4051, 0.3015,
0.3193

0.2774, 0.1547,
0.1935

0.0000, 0.0000,
0.0000

61.2370, 0.2924,
0.3114

61.2370, 0.2924,
0.3114

53.1574, 0.2762,
0.2961

70.1670, 0.3081,
0.3251

45.8924, 0.2596,
0.2794

79.9663, 0.3230,
0.3373

39.4148, 0.2431,
0.2612

89.7697, 0.3339,
0.3483

33.6926, 0.2272,
0.2419

96.8267, 0.3324,
0.3593

■ 28.6913, 0.2124,
0.2217

■ 98.0553, 0.3321,
0.3611

■ 24.3727, 0.1992,
0.2014

■ 20.6941, 0.1882,
0.1813

■ 17.6056, 0.1796,
0.1621

■ 15.7569, 0.1749,
0.1495

Harmonies

Analogous

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



61.2370, 0.2901, 0.3185



61.2370, 0.2924, 0.3114



61.2370, 0.3001, 0.3090

Triad

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



61.2370, 0.2924, 0.3114



61.2370, 0.3321, 0.3288



61.2370, 0.3138, 0.3470

Complementary

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



61.2370, 0.2924, 0.3114



64.5365, 0.3342, 0.3460

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.



61.2370, 0.3252, 0.3496



61.2370, 0.2924, 0.3114



61.2370, 0.3359, 0.3388

Square

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



61.2370, 0.2924, 0.3114



61.2370, 0.3230, 0.3190



61.2370, 0.3334, 0.3465



61.2370, 0.3023, 0.3393

Rectangle

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



61.2370, 0.2924, 0.3114



61.2370, 0.3073, 0.3104



61.2370, 0.3334, 0.3465



61.2370, 0.3178, 0.3485

Sweetspot

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



61.2396, 0.2924, 0.3114



94.7865, 0.3066, 0.3238



68.1541, 0.3015, 0.3453



20.0830, 0.3054, 0.3228



0.0000, 0.0000, 0.0000



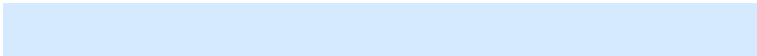
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2396, 0.2924, 0.3114



80.2968, 0.2875, 0.3069



54.8422, 0.2923, 0.2947



14.3262, 0.2981, 0.3165



9.5773, 0.1756, 0.1522



0.8425, 0.1836, 0.1808

Inverse Universe

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



58.1980, 0.3256, 0.3133



75.3853, 0.3291, 0.3095



71.5653, 0.3318, 0.3612



13.8099, 0.3217, 0.3178



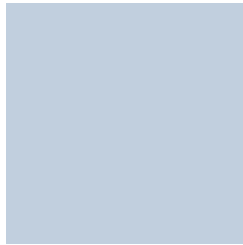
9.8749, 0.5031, 0.2545



0.7025, 0.4676, 0.2350

Previews

White Background



This preview shows how the Yxy color 61.2370, 0.2924, 0.3114 looks on a white background.

Color Contrast Check

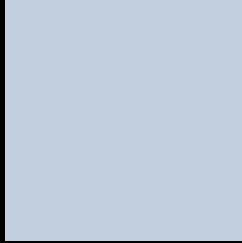
Large Text (above 18pt) WCAG AA × Fail

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 61.2370, 0.2924, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

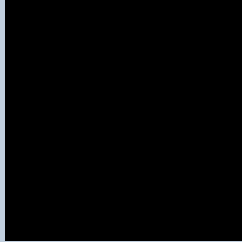
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

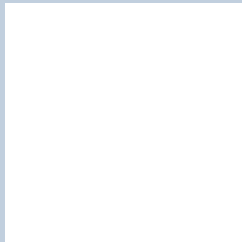
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2370, 0.2924, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 61.2370, 0.2924, 0.3114.



This preview shows how white text looks on a background with the Yxy color 61.2370, 0.2924, 0.3114.

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

61.2370, 0.2924, 0.3114

Protanopia

61.1904, 0.3016, 0.3106

Deuteranopia

60.9804, 0.3087, 0.3012



Tritanopia

61.2908, 0.2917, 0.3103

Trichromacy



Original Color

61.2370, 0.2924, 0.3114

Protanomaly

61.1625, 0.2980, 0.3105

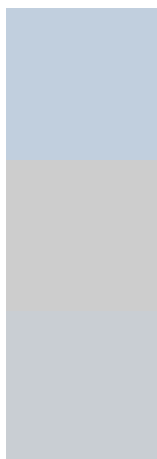
Deuteranomaly

60.9787, 0.3025, 0.3052

Tritanomaly

61.2908, 0.2917, 0.3103

Monochromacy



Original Color

61.2370, 0.2924, 0.3114

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2633, 0.3055, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2370, 0.2924, 0.3114 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(193, 207, 222)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 207, 222) }
```

Border

The CSS property to change the border of an element to Yxy 61.2370, 0.2924, 0.3114 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(193, 207, 222) }
```

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

```
.border{ border-color:rgb(193, 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(193, 207, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(193, 207,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2370, 0.2924, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 207, 222) }
```

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

```
.background{ background-color: rgb(193,  
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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