

Converting Colors

Yxy(61.6474, 0.2951, 0.3149)

Have a look what the booklet for
Yxy(61.6474, 0.2951, 0.3149)
contains.

Yxy(61.8812, 0.2951, 0.3150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.8812, 0.2951, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	C3D0DC
RGB	195, 208, 220
RGB Percent	76%, 82%, 86%
CMY	0.2354, 0.1843, 0.1373
CMYK	0.11, 0.05, 0.00, 0.14
HSL	209°, 26%, 81%
HSV	209°, 11%, 86%
XYZ	57.9719, 61.8812, 76.5952
YIQ	205.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

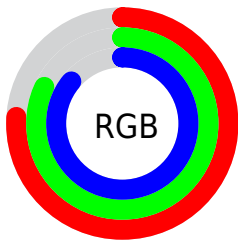
Format	Color
R_{YB}	195, 204, 220
Decimal	12832988
CIE _{Lab}	82.85, -2.05, -7.44
CIE _{LCh}	83, 7.719, 254.608
Yxy	61.8812, 0.2951, 0.3150
Android (android.graphics.Color)	4291023068 (0xFFC3D0DC)
YUV	205.4810, 7.1579, -9.1918
Hunter-Lab	78.6646, -6.1175, -2.6650

Details

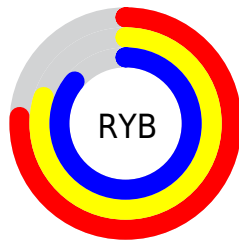
The Yxy color **61.8812, 0.2951, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7518, 0.3314, 0.3426**, and the grayscale version is **61.3295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **31.4905, 0.2906, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **54.2013, 0.2791, 0.3012**, and if you desaturate by 10%, it is **70.3388, 0.3106, 0.3274**.

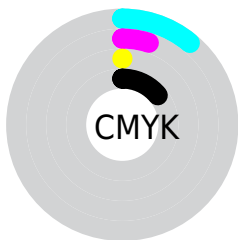
Distribution



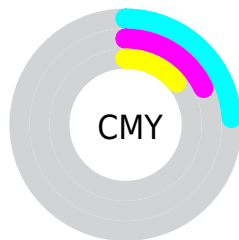
- Red (76%)
- Green (82%)
- Blue (86%)



- Red (76%)
- Yellow (80%)
- Blue (86%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8812, 0.2951, 0.3150 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 61.8812, 0.2951, 0.3150 by changing the saturation by 10% instead.

■ 61.8812, 0.2951,
0.3150

■ 61.8812, 0.2951,
0.3150

■ 431.4976, 0.3035,
0.3217

■ 44.9367, 0.2931,
0.3134

■ 107.5538, 0.2980,
0.3174

■ 31.4076, 0.2907,
0.3114

■ 137.0507, 0.2992,
0.3183

■ 20.9094, 0.2875,
0.3089

■ 171.5006, 0.3001,
0.3191

■ 13.0578, 0.2833,
0.3054

■ 211.2878, 0.3010,
0.3197

■ 7.4684, 0.2775,
0.3006

■ 256.7966, 0.3017,
0.3203

■ 3.7567, 0.2687,
0.2933

■ 308.4117, 0.3024,

■ 1.5384, 0.2541,

0.3208

0.2810

366.5172, 0.3029,
0.3213

0.3155, 0.1748,
0.2208

0.0000, 0.0000,
0.0000

61.8812, 0.2951,
0.3150

61.8812, 0.2951,
0.3150

54.2013, 0.2791,
0.3012

70.3388, 0.3106,
0.3274

47.2661, 0.2629,
0.2860

79.5904, 0.3255,
0.3384

41.0510, 0.2468,
0.2696

88.5130, 0.3354,
0.3485

35.5273, 0.2312,
0.2520

94.8793, 0.3340,
0.3585

■ 30.6637, 0.2167,
0.2337

■ 97.9471, 0.3334,
0.3631

■ 26.4259, 0.2038,
0.2149

■ 22.7753, 0.1929,
0.1962

■ 19.6671, 0.1844,
0.1780

■ 17.3625, 0.1787,
0.1631

Harmonies

Analogous

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



61.8812, 0.2939, 0.3215



61.8812, 0.2951, 0.3150



61.8812, 0.3009, 0.3123

Triad

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



61.8812, 0.2951, 0.3150



61.8812, 0.3280, 0.3275



61.8812, 0.3152, 0.3446

Complementary

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



61.8812, 0.2951, 0.3150



63.7518, 0.3314, 0.3426

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.



61.8812, 0.3245, 0.3461



61.8812, 0.2951, 0.3150



61.8812, 0.3319, 0.3360

Square

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



61.8812, 0.2951, 0.3150



61.8812, 0.3199, 0.3195



61.8812, 0.3306, 0.3429



61.8812, 0.3054, 0.3388

Rectangle

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



61.8812, 0.2951, 0.3150



61.8812, 0.3067, 0.3130



61.8812, 0.3306, 0.3429



61.8812, 0.3185, 0.3457

Sweetspot

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



61.8838, 0.2951, 0.3150



96.2641, 0.3081, 0.3255



67.2692, 0.3038, 0.3445



20.3944, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



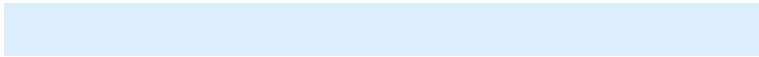
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8838, 0.2951, 0.3150



83.4260, 0.2908, 0.3114



56.1530, 0.2949, 0.3004



13.7349, 0.2982, 0.3175



10.4150, 0.1794, 0.1657



0.8470, 0.1873, 0.1943

Inverse Universe

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



58.7837, 0.3230, 0.3143



78.2477, 0.3258, 0.3106



69.9008, 0.3297, 0.3560



13.1644, 0.3211, 0.3169



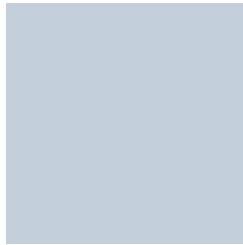
9.6752, 0.4859, 0.2451



0.6442, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 61.8812, 0.2951, 0.3150 looks on a white background.

Color Contrast Check

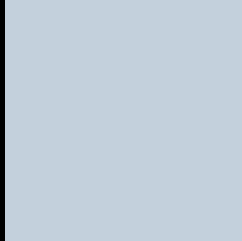
Large Text (above 18pt) WCAG AA × Fail

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 61.8812, 0.2951, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

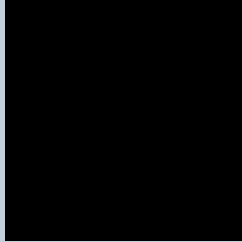
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

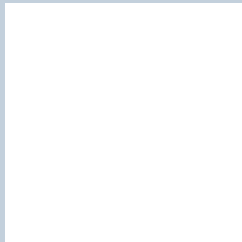
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8812, 0.2951, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 61.8812, 0.2951, 0.3150.

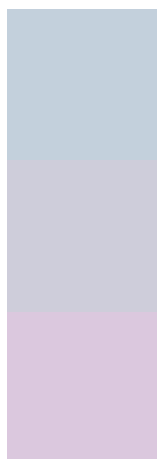


This preview shows how white text looks on a background with the Yxy color 61.8812, 0.2951, 0.3150.

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

61.8812, 0.2951, 0.3150

Protanopia

61.8464, 0.3044, 0.3141

Deuteranopia

61.6425, 0.3116, 0.3046



Tritanopia

61.7432, 0.2932, 0.3093

Trichromacy



Original Color

61.8812, 0.2951, 0.3150

Protanomaly

61.8136, 0.3008, 0.3140

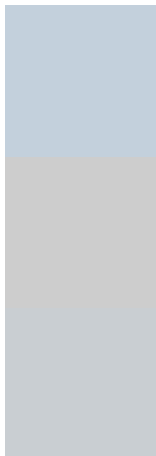
Deuteranomaly

61.6340, 0.3054, 0.3086

Tritanomaly

61.6891, 0.2939, 0.3104

Monochromacy



Original Color

61.8812, 0.2951, 0.3150

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2133, 0.3062, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8812, 0.2951, 0.3150 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, 208, 220)` looks like.

```
.text, #text, p{  
    color:rgb(195, 208, 220)  
}
```

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, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 208, 220) }
```

Border

The CSS property to change the border of an element to Yxy 61.8812, 0.2951, 0.3150 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, 208, 220) }
```

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

```
.border{ border-color:rgb(195, 208, 220) }
```

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

Here you see how a box with a 4 pixel rgb(195, 208, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(195, 208,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8812, 0.2951, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 208, 220) }
```

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

```
.background{ background-color: rgb(195,  
208, 220) }
```

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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