

Converting Colors

$Yxy(60.9192, 0.2990, 0.3207)$

Have a look what the booklet for
Yxy(60.9192, 0.2990, 0.3207)
contains.

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Color

Yxy(61.0828, 0.2991, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C3CFD6
RGB	195, 207, 214
RGB Percent	76%, 81%, 84%
CMY	0.2351, 0.1883, 0.1607
CMYK	0.09, 0.03, 0.00, 0.16
HSL	202°, 19%, 80%
HSV	202°, 9%, 84%
XYZ	56.9687, 61.0828, 72.4156
YIQ	204.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

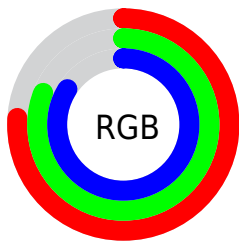
Format	Color
R _Y B	195, 202, 214
Decimal	12832726
CIE Lab	82.42, -2.67, -4.88
CIE LCh	82, 5.564, 241.339
Yxy	61.0828, 0.2991, 0.3207
Android (android.graphics.Color)	4291022806 (0xFFC3CFD6)
YUV	204.2100, 4.8265, -8.0772
Hunter-Lab	78.1555, -6.6608, -0.2268

Details

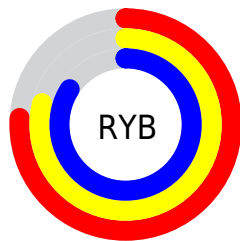
The Yxy color **61.0828, 0.2991, 0.3207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5239, 0.3272, 0.3372**, and the grayscale version is **60.5039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.9484, 0.2957, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **54.6860, 0.2835, 0.3104**, and if you desaturate by 10%, it is **68.0866, 0.3145, 0.3300**.

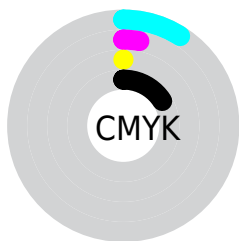
Distribution



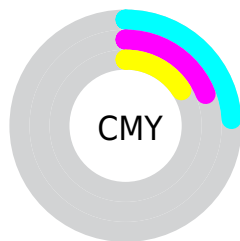
- Red (76%)
- Green (81%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0828, 0.2991, 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 61.0828, 0.2991, 0.3207 by changing the saturation by 10% instead.

■ 61.0828, 0.2991,
0.3207

■ 61.0828, 0.2991,
0.3207

428.5775, 0.3056,
0.3247

■ 44.2920, 0.2976,
0.3197

■ 106.3988, 0.3014,
0.3221

■ 30.9001, 0.2957,
0.3186

135.6928, 0.3023,
0.3227

■ 20.5228, 0.2932,
0.3170

169.9233, 0.3030,
0.3231

■ 12.7756, 0.2899,
0.3149

209.4748, 0.3037,
0.3235

■ 7.2742, 0.2853,
0.3119

254.7315, 0.3042,
0.3239

■ 3.6342, 0.2783,
0.3074

306.0780, 0.3047,

■ 1.4711, 0.2666,

0.3242

0.2996

363.8985, 0.3052,
0.3245

0.2683, 0.1739,
0.2458

0.0000, 0.0000,
0.0000

61.0828, 0.2991,
0.3207

61.0828, 0.2991,
0.3207

54.6860, 0.2835,
0.3104

68.0866, 0.3145,
0.3300

48.8684, 0.2680,
0.2990

75.7088, 0.3294,
0.3383

43.6113, 0.2528,
0.2868

83.1521, 0.3407,
0.3459

38.8915, 0.2384,
0.2736

87.6902, 0.3394,
0.3536

■ 34.6843, 0.2251,
0.2599

■ 92.4322, 0.3382,
0.3612

■ 30.9622, 0.2134,
0.2456

■ 97.3807, 0.3370,
0.3687

■ 27.6943, 0.2035,
0.2313

■ 97.6359, 0.3369,
0.3691

■ 24.8448, 0.1957,
0.2170

■ 22.3587, 0.1899,
0.2030

Harmonies

Analogous

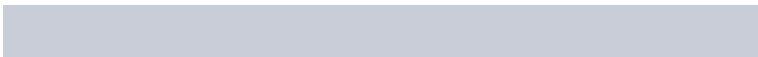
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.0828, 0.2999, 0.3263



61.0828, 0.2991, 0.3207



61.0828, 0.3019, 0.3174

Triad

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



61.0828, 0.2991, 0.3207



61.0828, 0.3214, 0.3252



61.0828, 0.3177, 0.3412

Complementary

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



61.0828, 0.2991, 0.3207



60.5239, 0.3272, 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.



61.0828, 0.3236, 0.3407



61.0828, 0.2991, 0.3207



61.0828, 0.3258, 0.3315

Square

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



61.0828, 0.2991, 0.3207



61.0828, 0.3148, 0.3200



61.0828, 0.3265, 0.3371



61.0828, 0.3105, 0.3383

Rectangle

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



61.0828, 0.2991, 0.3207



61.0828, 0.3055, 0.3169



61.0828, 0.3265, 0.3371



61.0828, 0.3199, 0.3414

Sweetspot

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



61.0854, 0.2991, 0.3207



96.7814, 0.3081, 0.3263



63.9760, 0.3070, 0.3432



20.5341, 0.3068, 0.3255



0.0000, 0.0000, 0.0000



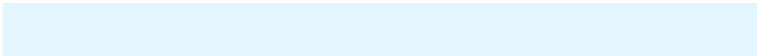
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0854, 0.2991, 0.3207



88.6055, 0.2956, 0.3185



56.6656, 0.2991, 0.3095



13.2978, 0.2982, 0.3201



13.5548, 0.1899, 0.2035



0.9736, 0.1966, 0.2276

Inverse Universe

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



57.8599, 0.3190, 0.3153



82.7390, 0.3207, 0.3117



65.0729, 0.3261, 0.3478



12.5510, 0.3194, 0.3144



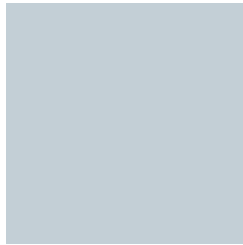
9.7132, 0.4413, 0.2205



0.6016, 0.4151, 0.2061

Previews

White Background



This preview shows how the Yxy color 61.0828, 0.2991, 0.3207 looks on a white background.

Color Contrast Check

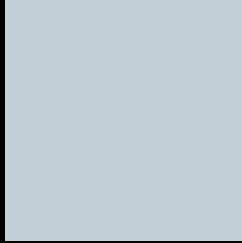
Large Text (above 18pt) WCAG AA × Fail

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 61.0828, 0.2991, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

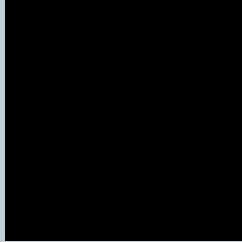
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

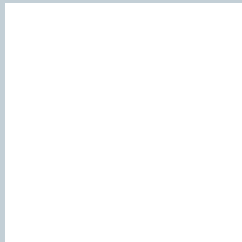
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0828, 0.2991, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 61.0828, 0.2991, 0.3207.

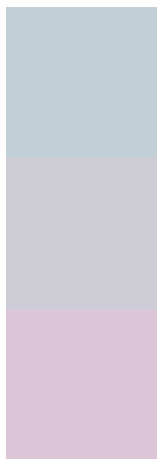


This preview shows how white text looks on a background with the Yxy color 61.0828, 0.2991, 0.3207.

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

61.0828, 0.2991, 0.3207

Protanopia

61.0610, 0.3086, 0.3198

Deuteranopia

61.0204, 0.3167, 0.3100



Tritanopia

61.1523, 0.2945, 0.3104

Trichromacy



Original Color

61.0828, 0.2991, 0.3207

Protanomaly

61.0233, 0.3049, 0.3197

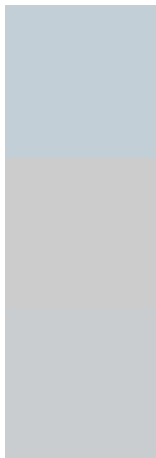
Deuteranomaly

60.9962, 0.3104, 0.3142

Tritanomaly

60.9928, 0.2965, 0.3138

Monochromacy



Original Color

61.0828, 0.2991, 0.3207

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6342, 0.3076, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0828, 0.2991, 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(195, 207, 214)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 214)  
}
```

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, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 214) }
```

Border

The CSS property to change the border of an element to Yxy 61.0828, 0.2991, 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(195, 207, 214) }
```

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

```
.border{ border-color:rgb(195, 207, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0828, 0.2991, 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(195, 207, 214) }
```

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

```
.background{ background-color: rgb(195,  
207, 214) }
```

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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