

Converting Colors

Yxy(61.7410, 0.2982, 0.3073)

Have a look what the booklet for
Yxy(61.7410, 0.2982, 0.3073)
contains.

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Color

Yxy(61.7410, 0.2982, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	CBCDE0
RGB	203, 205, 224
RGB Percent	80%, 80%, 88%
CMY	0.2039, 0.1961, 0.1217
CMYK	0.09, 0.08, 0.00, 0.12
HSL	234°, 25%, 84%
HSV	234°, 9%, 88%
XYZ	59.9127, 61.7410, 79.2607
YIQ	206.5680, -7.2910, 5.4850

Conversions

Conversions Part 2

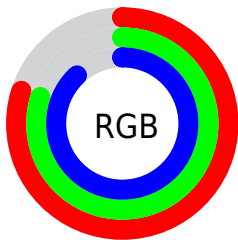
Format	Color
R _Y B	203, 205, 224
Decimal	13356512
CIE Lab	82.78, 2.95, -9.61
CIE LCh	83, 10.054, 287.083
Yxy	61.7410, 0.2982, 0.3073
Android (android.graphics.Color)	4291546592 (0xFFCBCDE0)
YUV	206.5680, 8.5940, -3.1291
Hunter-Lab	78.5754, -1.4033, -4.8043

Details

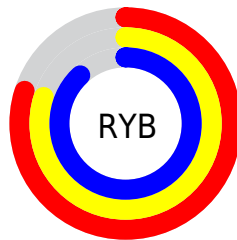
The Yxy color $61.7410, 0.2982, 0.3073$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.3846, 0.3268, 0.3498$, and the grayscale version is $62.0531, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.3874, 0.2945, 0.3018$ is the 20% darker color. If you saturate the color by 10%, you get $49.7479, 0.2809, 0.2812$, and if you desaturate by 10%, it is $75.4490, 0.3136, 0.3304$.

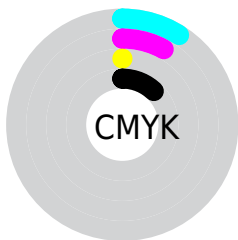
Distribution



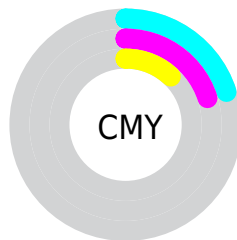
- Red (80%)
- Green (80%)
- Blue (88%)



- Red (80%)
- Yellow (80%)
- Blue (88%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7410, 0.2982, 0.3073 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 61.7410, 0.2982, 0.3073 by changing the saturation by 10% instead.

■ 61.7410, 0.2982,
0.3073

■ 61.7410, 0.2982,
0.3073

430.9857, 0.3051,
0.3176

■ 44.8235, 0.2966,
0.3049

107.3511, 0.3006,
0.3109

■ 31.3184, 0.2945,
0.3019

136.8125, 0.3016,
0.3123

■ 20.8414, 0.2919,
0.2981

171.2239, 0.3024,
0.3135

■ 13.0081, 0.2883,
0.2930

210.9698, 0.3031,
0.3145

■ 7.4341, 0.2834,
0.2859

256.4345, 0.3037,
0.3154

■ 3.7351, 0.2759,
0.2754

308.0025, 0.3042,

■ 1.5265, 0.2634,

0.3162

0.2583

366.0581, 0.3047,
0.3169

0.3073, 0.2169,
0.1831

0.0000, 0.0000,
0.0000

61.7410, 0.2982,
0.3073

61.7410, 0.2982,
0.3073

49.7479, 0.2809,
0.2812

75.4490, 0.3136,
0.3304

39.3946, 0.2620,
0.2520

90.9275, 0.3273,
0.3505

30.6120, 0.2419,
0.2205

98.1604, 0.3310,
0.3592

23.3232, 0.2212,
0.1875

■ 17.4446, 0.2011,
0.1546

■ 12.8845, 0.1830,
0.1240

■ 9.5402, 0.1681,
0.0980

■ 7.2934, 0.1577,
0.0783

■ 5.9883, 0.1518,
0.0660

Harmonies

Analogous

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



61.7410, 0.2902, 0.3102



61.7410, 0.2982, 0.3073



61.7410, 0.3102, 0.3100

Triad

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



61.7410, 0.2982, 0.3073



61.7410, 0.3379, 0.3389



61.7410, 0.3022, 0.3410

Complementary

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



61.7410, 0.2982, 0.3073



72.3846, 0.3268, 0.3498

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.



61.7410, 0.3149, 0.3491



61.7410, 0.2982, 0.3073



61.7410, 0.3356, 0.3476

Square

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



61.7410, 0.2982, 0.3073



61.7410, 0.3333, 0.3279



61.7410, 0.3271, 0.3514



61.7410, 0.2925, 0.3296

Rectangle

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



61.7410, 0.2982, 0.3073



61.7410, 0.3189, 0.3145



61.7410, 0.3271, 0.3514



61.7410, 0.3063, 0.3442

Sweetspot

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



61.7436, 0.2982, 0.3073



94.2413, 0.3082, 0.3223



71.2621, 0.2996, 0.3313



19.8499, 0.3070, 0.3204



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.



61.7436, 0.2982, 0.3073



79.9271, 0.2954, 0.3030



62.0031, 0.3044, 0.3054



13.4523, 0.2981, 0.3071



3.5264, 0.1519, 0.0667



0.3174, 0.1566, 0.0838

Inverse Universe

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



62.9667, 0.3276, 0.3268



81.8629, 0.3306, 0.3264



72.1454, 0.3205, 0.3524



13.7216, 0.3277, 0.3268



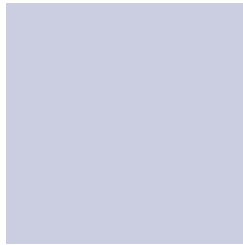
9.2640, 0.6287, 0.3237



0.6495, 0.6008, 0.3084

Previews

White Background



This preview shows how the Yxy color 61.7410, 0.2982, 0.3073 looks on a white background.

Color Contrast Check

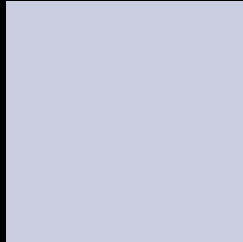
Large Text (above 18pt) WCAG AA × Fail

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 61.7410, 0.2982, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

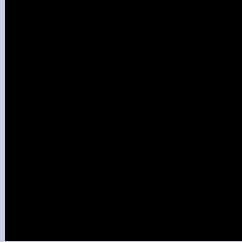
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

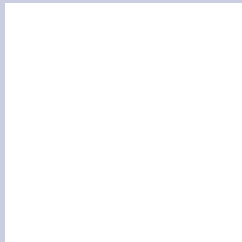
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7410, 0.2982, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 61.7410, 0.2982, 0.3073.

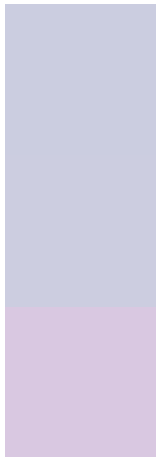


This preview shows how white text looks on a background with the Yxy color 61.7410, 0.2982, 0.3073.

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

61.7410, 0.2982, 0.3073

Protanopia

61.8818, 0.2989, 0.3073

Deuteranopia

61.4965, 0.3079, 0.3012



Tritanopia

61.6331, 0.2995, 0.3095

Trichromacy



Original Color

61.7410, 0.2982, 0.3073

Protanomaly

61.8818, 0.2989, 0.3073

Deuteranomaly

61.6744, 0.3041, 0.3032

Tritanomaly

61.6869, 0.2988, 0.3084

Monochromacy



Original Color

61.7410, 0.2982, 0.3073

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0685, 0.3078, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7410, 0.2982, 0.3073 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(203, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 224)  
}
```

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(203, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 224) }
```

Border

The CSS property to change the border of an element to Yxy 61.7410, 0.2982, 0.3073 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(203, 205, 224) }
```

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

```
.border{ border-color:rgb(203, 205, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7410, 0.2982, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 224) }
```

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

```
.background{ background-color: rgb(203,  
205, 224) }
```

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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