

Converting Colors

Yxy(57.0309, 0.2996, 0.3117)

Have a look what the booklet for
Yxy(57.0309, 0.2996, 0.3117)
contains.

Yxy(57.2530, 0.2997, 0.3123)	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(57.2530, 0.2997, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7D5
RGB	195, 199, 213
RGB Percent	76%, 78%, 84%
CMY	0.2353, 0.2196, 0.1646
CMYK	0.08, 0.07, 0.00, 0.16
HSL	227°, 18%, 80%
HSV	227°, 8%, 84%
XYZ	54.9431, 57.2530, 71.1308
YIQ	199.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

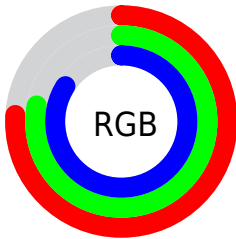
Format	Color
R_{YB}	195, 198, 213
Decimal	12830677
CIE Lab	80.32, 1.33, -7.47
CIE LCh	80, 7.585, 280.122
Yxy	57.2530, 0.2997, 0.3123
Android (android.graphics.Color)	4291020757 (0xFFC3C7D5)
YUV	199.4000, 6.7048, -3.8588
Hunter-Lab	75.6657, -2.8009, -2.7706

Details

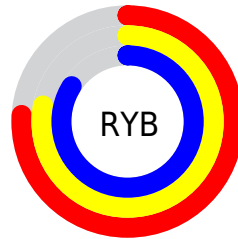
The Yxy color **57.2530, 0.2997, 0.3123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7126, 0.3257, 0.3452**, and the grayscale version is **57.3347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **28.3821, 0.2964, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **47.3981, 0.2830, 0.2902**, and if you desaturate by 10%, it is **68.3490, 0.3150, 0.3318**.

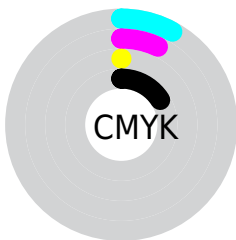
Distribution



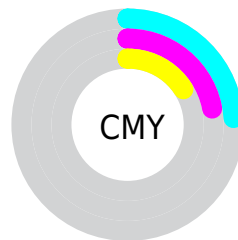
- Red (76%)
- Green (78%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2530, 0.2997, 0.3123 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 57.2530, 0.2997, 0.3123 by changing the saturation by 10% instead.

■ 57.2530, 0.2997,
0.3123

■ 57.2530, 0.2997,
0.3123

■ 414.3967, 0.3060,
0.3203

■ 41.2084, 0.2982,
0.3104

■ 100.8343, 0.3019,
0.3151

■ 28.4820, 0.2963,
0.3080

■ 129.1397, 0.3028,
0.3162

■ 18.6893, 0.2938,
0.3049

■ 162.3009, 0.3035,
0.3172

■ 11.4460, 0.2905,
0.3007

■ 200.7022, 0.3041,
0.3180

■ 6.3676, 0.2858,
0.2947

■ 244.7280, 0.3047,
0.3187

■ 3.0699, 0.2784,
0.2856

■ 294.7628, 0.3052,

■ 1.1683, 0.2658,

0.3193

0.2700

351.1909, 0.3056,
0.3198

0.0356, 0.1002,
0.0537

0.0000, 0.0000,
0.0000

57.2530, 0.2997,
0.3123

57.2530, 0.2997,
0.3123

47.3981, 0.2830,
0.2902

68.3490, 0.3150,
0.3318

38.7334, 0.2651,
0.2657

80.7201, 0.3288,
0.3490

31.2152, 0.2462,
0.2388

93.6585, 0.3385,
0.3642

24.7942, 0.2270,
0.2103

97.5861, 0.3375,
0.3700

■ 19.4175, 0.2082,
0.1810

■ 15.0274, 0.1909,
0.1522

■ 11.5606, 0.1761,
0.1255

■ 8.9453, 0.1647,
0.1025

■ 7.0890, 0.1571,
0.0845

Harmonies

Analogous

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



57.2530, 0.2945, 0.3156



57.2530, 0.2997, 0.3123



57.2530, 0.3085, 0.3133

Triad

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



57.2530, 0.2997, 0.3123



57.2530, 0.3318, 0.3349



57.2530, 0.3068, 0.3400

Complementary

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



57.2530, 0.2997, 0.3123



63.7126, 0.3257, 0.3452

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.



57.2530, 0.3167, 0.3453



57.2530, 0.2997, 0.3123



57.2530, 0.3313, 0.3421

Square

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



57.2530, 0.2997, 0.3123



57.2530, 0.3271, 0.3262



57.2530, 0.3257, 0.3460



57.2530, 0.2985, 0.3316

Rectangle

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



57.2530, 0.2997, 0.3123



57.2530, 0.3152, 0.3163



57.2530, 0.3257, 0.3460



57.2530, 0.3100, 0.3422

Sweetspot

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



57.2554, 0.2997, 0.3123



94.8377, 0.3082, 0.3232



63.8054, 0.3025, 0.3339



20.0102, 0.3069, 0.3216



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.



57.2554, 0.2997, 0.3123



83.4649, 0.2971, 0.3089



56.0904, 0.3034, 0.3077



12.4508, 0.2982, 0.3103



4.3130, 0.1567, 0.0842



0.3856, 0.1658, 0.1170

Inverse Universe

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



57.3064, 0.3242, 0.3244



83.5828, 0.3267, 0.3235



64.9913, 0.3216, 0.3499



12.4654, 0.3257, 0.3239



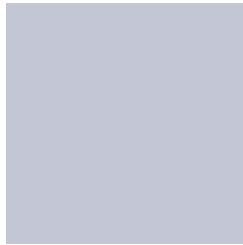
8.7802, 0.6002, 0.3080



0.5423, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 57.2530, 0.2997, 0.3123 looks on a white background.

Color Contrast Check

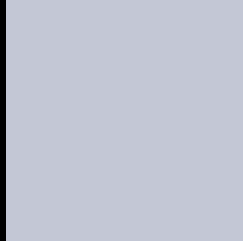
Large Text (above 18pt) WCAG AA × Fail

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 57.2530, 0.2997, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

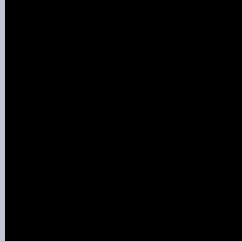
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

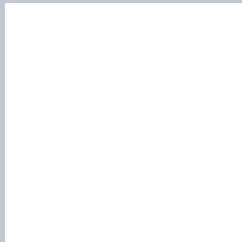
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2530, 0.2997, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 57.2530, 0.2997, 0.3123.

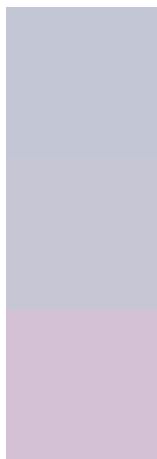


This preview shows how white text looks on a background with the Yxy color 57.2530, 0.2997, 0.3123.

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

57.2530, 0.2997, 0.3123

Protanopia

57.2837, 0.3035, 0.3125

Deuteranopia

56.9920, 0.3123, 0.3049



Tritanopia

57.3040, 0.2990, 0.3112

Trichromacy



Original Color

57.2530, 0.2997, 0.3123

Protanomaly

57.1474, 0.3027, 0.3124

Deuteranomaly

57.0071, 0.3075, 0.3069

Tritanomaly

57.3040, 0.2990, 0.3112

Monochromacy



Original Color

57.2530, 0.2997, 0.3123

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2122, 0.3083, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2530, 0.2997, 0.3123 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, 199, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 213)  
}
```

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, 199, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.2530, 0.2997, 0.3123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

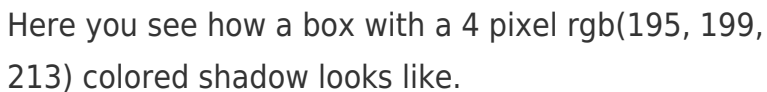
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 199, 213) }
```

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

```
.border{ border-color:rgb(195, 199, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 199, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2530, 0.2997, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 213) }
```

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

```
.background{ background-color: rgb(195,  
199, 213) }
```

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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