

Converting Colors

Yxy(53.7731, 0.3028, 0.3017)

Have a look what the booklet for
Yxy(53.7731, 0.3028, 0.3017)
contains.

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Color

Yxy(53.7731, 0.3028, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	C7BED5
RGB	199, 190, 213
RGB Percent	78%, 75%, 84%
CMY	0.2198, 0.2548, 0.1647
CMYK	0.07, 0.11, 0.00, 0.16
HSL	263°, 21%, 79%
HSV	263°, 11%, 84%
XYZ	53.9692, 53.7731, 70.4914
YIQ	195.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

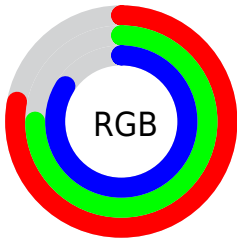
Format	Color
R _Y B	199, 190, 213
Decimal	13090517
CIE Lab	78.33, 7.45, -10.38
CIE LCh	78, 12.774, 305.650
Yxy	53.7731, 0.3028, 0.3017
Android (android.graphics.Color)	4291280597 (0xFFC7BED5)
YUV	195.3130, 8.7197, 3.2335
Hunter-Lab	73.3301, 3.0438, -5.6637

Details

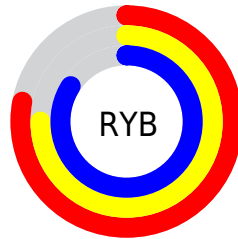
The Yxy color $53.7731, 0.3028, 0.3017$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.1592, 0.3219, 0.3560$, and the grayscale version is $54.7159, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $26.3797, 0.3004, 0.2957$ is the 20% darker color. If you saturate the color by 10%, you get $43.5067, 0.2921, 0.2740$, and if you desaturate by 10%, it is $65.5450, 0.3120, 0.3271$.

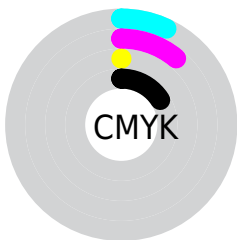
Distribution



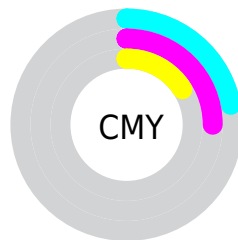
- Red (78%)
- Green (75%)
- Blue (84%)



- Red (78%)
- Yellow (75%)
- Blue (84%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7731, 0.3028, 0.3017 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 53.7731, 0.3028, 0.3017 by changing the saturation by 10% instead.

■ 53.7731, 0.3028,
0.3017

■ 53.7731, 0.3028,
0.3017

401.2442, 0.3077,
0.3148

■ 38.4203, 0.3016,
0.2986

■ 95.7410, 0.3046,
0.3063

■ 26.3090, 0.3001,
0.2947

123.1249, 0.3052,
0.3081

■ 17.0550, 0.2980,
0.2896

155.2879, 0.3058,
0.3096

■ 10.2737, 0.2952,
0.2828

192.6145, 0.3063,
0.3110

■ 5.5808, 0.2911,
0.2731

235.4890, 0.3067,
0.3121

■ 2.5919, 0.2846,
0.2584

284.2959, 0.3071,

■ 0.9226, 0.2727,

0.3131

0.2336

339.4195, 0.3074,
0.3140

0.0000, 0.0112,
0.0000

0.0000, 0.0000,
0.0000

53.7731, 0.3028,
0.3017

53.7731, 0.3028,
0.3017

43.5067, 0.2921,
0.2740

65.5450, 0.3120,
0.3271

34.6767, 0.2798,
0.2443

78.8738, 0.3199,
0.3500

27.2192, 0.2662,
0.2133

93.8170, 0.3266,
0.3705

21.0622, 0.2513,
0.1822

96.8396, 0.3349,
0.3704

■ 16.1272, 0.2358,
0.1524

■ 97.5846, 0.3376,
0.3701

■ 12.3269, 0.2202,
0.1256

■ 9.5618, 0.2054,
0.1036

■ 7.7141, 0.1922,
0.0874

■ 6.6358, 0.1818,
0.0775

Harmonies

Analogous

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



53.7731, 0.2886, 0.3008



53.7731, 0.3028, 0.3017



53.7731, 0.3200, 0.3094

Triad

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



53.7731, 0.3028, 0.3017



53.7731, 0.3455, 0.3497



53.7731, 0.2901, 0.3358

Complementary

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



53.7731, 0.3028, 0.3017



64.1592, 0.3219, 0.3560

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.



53.7731, 0.3049, 0.3499



53.7731, 0.3028, 0.3017



53.7731, 0.3370, 0.3578

Square

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



53.7731, 0.3028, 0.3017



53.7731, 0.3450, 0.3366



53.7731, 0.3220, 0.3581



53.7731, 0.2815, 0.3200

Rectangle

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



53.7731, 0.3028, 0.3017



53.7731, 0.3309, 0.3174



53.7731, 0.3220, 0.3581



53.7731, 0.2945, 0.3409

Sweetspot

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



53.7754, 0.3028, 0.3017



94.3398, 0.3101, 0.3216



59.0330, 0.2961, 0.3184



19.8766, 0.3094, 0.3196



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.



53.7754, 0.3028, 0.3017



77.0009, 0.3004, 0.2954



55.3888, 0.3118, 0.3025



12.2418, 0.3042, 0.3053



4.1079, 0.1832, 0.0783



0.2948, 0.2029, 0.0892

Inverse Universe

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



55.3450, 0.3208, 0.3127



79.8403, 0.3227, 0.3091



62.6101, 0.3134, 0.3567



12.5471, 0.3197, 0.3148



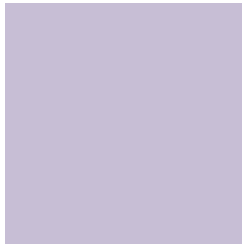
9.6490, 0.4486, 0.2245



0.5980, 0.4207, 0.2091

Previews

White Background



This preview shows how the Yxy color 53.7731, 0.3028, 0.3017 looks on a white background.

Color Contrast Check

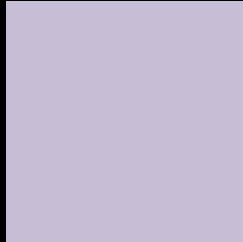
Large Text (above 18pt) WCAG AA × Fail

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 53.7731, 0.3028, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

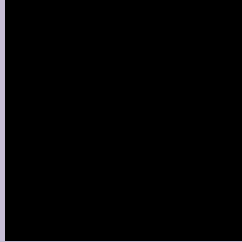
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7731, 0.3028, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 53.7731, 0.3028, 0.3017.



This preview shows how white text looks on a background with the Yxy color 53.7731, 0.3028, 0.3017.

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

53.7731, 0.3028, 0.3017

Protanopia

53.6307, 0.2959, 0.3025

Deuteranopia

53.6079, 0.3068, 0.2996



Tritanopia

53.7236, 0.3072, 0.3110

Trichromacy



Original Color

53.7731, 0.3028, 0.3017

Protanomaly

53.5860, 0.2982, 0.3014

Deuteranomaly

53.7558, 0.3052, 0.3007

Tritanomaly

53.8708, 0.3050, 0.3075

Monochromacy



Original Color

53.7731, 0.3028, 0.3017

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1400, 0.3084, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7731, 0.3028, 0.3017 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(199, 190, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 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(199, 190, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 213) }
```

Border

The CSS property to change the border of an element to Yxy 53.7731, 0.3028, 0.3017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

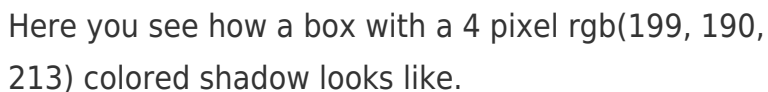
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 190, 213) }
```

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

```
.border{ border-color:rgb(199, 190, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 190, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7731, 0.3028, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 213) }
```

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

```
.background{ background-color: rgb(199,  
190, 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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