

Converting Colors

$Yxy(53.0785, 0.3034, 0.3027)$

Have a look what the booklet for
Yxy(53.0785, 0.3034, 0.3027)
contains.

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Color

Yxy(53.1041, 0.3035, 0.3027)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C6BDD3 |
| RGB | 198, 189, 211 |
| RGB Percent | 78%, 74%, 83% |
| CMY | 0.2236, 0.2588, 0.1725 |
| CMYK | 0.06, 0.10, 0.00, 0.17 |
| HSL | 264°, 20%, 78% |
| HSV | 264°, 10%, 83% |
| XYZ | 53.2444, 53.1041, 69.0862 |
| YIQ | 194.1990, -1.6980, 8.7500 |

Conversions

Conversions Part 2

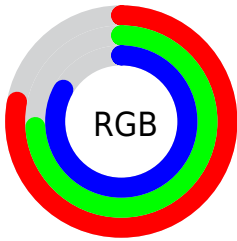
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 198, 189, 211 |
| Decimal | 13024723 |
| CIE Lab | 77.94, 7.28, -9.90 |
| CIE LCh | 78, 12.287, 306.317 |
| Yxy | 53.1041, 0.3035, 0.3027 |
| Android (android.graphics.Color) | 4291214803 (0xFFC6BDD3) |
| YUV | 194.1990, 8.2829, 3.3335 |
| Hunter-Lab | 72.8726, 2.8943, -5.1986 |

Details

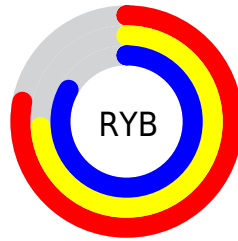
The Yxy color **53.1041, 0.3035, 0.3027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8360, 0.3213, 0.3551**, and the grayscale version is **54.0246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **25.9379, 0.3013, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **43.0506, 0.2932, 0.2752**, and if you desaturate by 10%, it is **64.6229, 0.3124, 0.3280**.

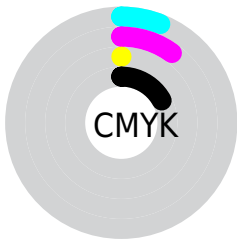
Distribution



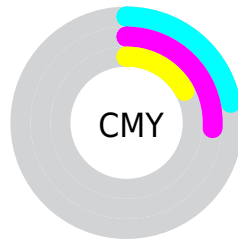
- Red (78%)
- Green (74%)
- Blue (83%)



- Red (78%)
- Yellow (74%)
- Blue (83%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1041, 0.3035, 0.3027 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 53.1041, 0.3035, 0.3027 by changing the saturation by 10% instead.

■ 53.1041, 0.3035,
0.3027

■ 53.1041, 0.3035,
0.3027

398.6844, 0.3081,
0.3154

■ 37.8859, 0.3024,
0.2997

■ 94.7575, 0.3052,
0.3072

■ 25.8941, 0.3009,
0.2959

121.9615, 0.3058,
0.3089

■ 16.7445, 0.2990,
0.2909

153.9296, 0.3063,
0.3104

■ 10.0525, 0.2964,
0.2843

191.0461, 0.3068,
0.3117

■ 5.4338, 0.2925,
0.2749

233.6954, 0.3072,
0.3128

■ 2.5039, 0.2863,
0.2604

282.2620, 0.3075,

■ 0.8786, 0.2749,

0.3137

0.2358

337.1302, 0.3078,
0.3146

0.0000, 0.0000,
0.0000

53.1041, 0.3035,
0.3027

53.1041, 0.3035,
0.3027

43.0506, 0.2932,
0.2752

64.6229, 0.3124,
0.3280

34.3955, 0.2814,
0.2457

77.6569, 0.3199,
0.3508

27.0766, 0.2682,
0.2150

92.2618, 0.3263,
0.3712

21.0245, 0.2539,
0.1841

96.1714, 0.3341,
0.3727

16.1629, 0.2388,
0.1545

97.4843, 0.3387,
0.3720

■ 12.4074, 0.2236,
0.1279

■ 9.6617, 0.2090,
0.1059

■ 7.8122, 0.1958,
0.0897

■ 6.6889, 0.1849,
0.0792

Harmonies

Analogous

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



53.1041, 0.2897, 0.3017



53.1041, 0.3035, 0.3027



53.1041, 0.3201, 0.3102

Triad

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



53.1041, 0.3035, 0.3027



53.1041, 0.3443, 0.3493



53.1041, 0.2906, 0.3352

Complementary

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



53.1041, 0.3035, 0.3027



62.8360, 0.3213, 0.3551

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.



53.1041, 0.3048, 0.3490



53.1041, 0.3035, 0.3027



53.1041, 0.3359, 0.3569

Square

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



53.1041, 0.3035, 0.3027



53.1041, 0.3440, 0.3366



53.1041, 0.3213, 0.3570



53.1041, 0.2824, 0.3200

Rectangle

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



53.1041, 0.3035, 0.3027



53.1041, 0.3306, 0.3180



53.1041, 0.3213, 0.3570



53.1041, 0.2948, 0.3402

Sweetspot

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



53.1064, 0.3035, 0.3027



94.3672, 0.3102, 0.3216



57.8662, 0.2967, 0.3184



19.8839, 0.3095, 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.



53.1064, 0.3035, 0.3027



77.1099, 0.3009, 0.2955



54.6309, 0.3121, 0.3034



11.6499, 0.3045, 0.3054



4.0923, 0.1865, 0.0801



0.2747, 0.2075, 0.0917

Inverse Universe

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



54.5157, 0.3208, 0.3138



79.8019, 0.3232, 0.3097



61.3776, 0.3131, 0.3557



11.9240, 0.3199, 0.3153



9.2703, 0.4562, 0.2287



0.5339, 0.4248, 0.2114

Previews

White Background



This preview shows how the Yxy color 53.1041, 0.3035, 0.3027 looks on a white background.

Color Contrast Check

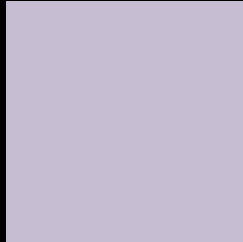
Large Text (above 18pt) WCAG AA × Fail

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 53.1041, 0.3035, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

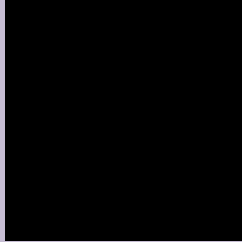
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

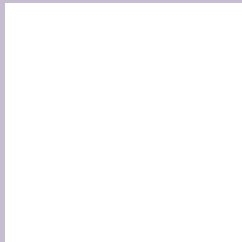
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1041, 0.3035, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 53.1041, 0.3035, 0.3027.



This preview shows how white text looks on a background with the Yxy color 53.1041, 0.3035, 0.3027.

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

53.1041, 0.3035, 0.3027

Protanopia

52.9622, 0.2966, 0.3035

Deuteranopia

52.9403, 0.3076, 0.3006



Tritanopia

53.1050, 0.3071, 0.3109

Trichromacy



Original Color

53.1041, 0.3035, 0.3027

Protanomaly

52.9178, 0.2989, 0.3025

Deuteranomaly

53.0871, 0.3059, 0.3017

Tritanomaly

53.2022, 0.3056, 0.3085

Monochromacy



Original Color

53.1041, 0.3035, 0.3027

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4715, 0.3092, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1041, 0.3035, 0.3027 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(198, 189, 211)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 211)  
}
```

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(198, 189, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.1041, 0.3035, 0.3027 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(198, 189, 211) }
```

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

```
.border{ border-color:rgb(198, 189, 211) }
```

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

Here you see how a box with a 4 pixel rgb(198, 189, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 211);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1041, 0.3035, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 211) }
```

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

```
.background{ background-color: rgb(198,  
189, 211) }
```

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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