

Converting Colors

$Y_{xy}(40.3711, 0.3170, 0.2770)$

Have a look what the booklet for
Yxy(40.3711, 0.3170, 0.2770)
contains.

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Color

Yxy(40.3180, 0.3171, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	C99CC7
RGB	201, 156, 199
RGB Percent	79%, 61%, 78%
CMY	0.2117, 0.3882, 0.2197
CMYK	0.00, 0.22, 0.01, 0.21
HSL	303°, 29%, 70%
HSV	303°, 22%, 79%
XYZ	46.2883, 40.3180, 59.3676
YIQ	174.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

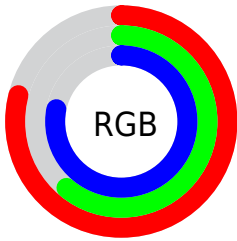
Format	Color
R_{YB}	201, 156, 199
Decimal	13212871
CIE _{Lab}	69.70, 24.01, -15.64
CIE _{LCh}	70, 28.650, 326.915
Yxy	40.3180, 0.3171, 0.2762
Android (android.graphics.Color)	4291402951 (0xFFC99CC7)
YUV	174.3570, 12.1490, 23.3659
Hunter-Lab	63.4965, 19.0061, -10.9871

Details

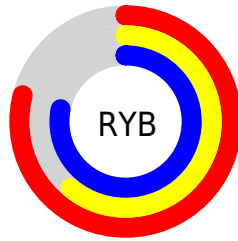
The Yxy color $40.3180, 0.3171, 0.2762$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $51.3225, 0.3084, 0.3882$, and the grayscale version is $42.4534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.0685, 0.3147, 0.2861$, and $18.0560, 0.3172, 0.2613$ is the 20% darker color. If you saturate the color by 10%, you get $34.0803, 0.3193, 0.2525$, and if you desaturate by 10%, it is $47.6759, 0.3150, 0.3001$.

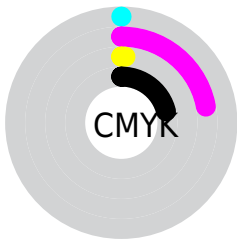
Distribution



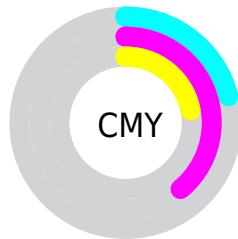
- Red (79%)
- Green (61%)
- Blue (78%)



- Red (79%)
- Yellow (61%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3180, 0.3171, 0.2762 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 40.3180, 0.3171, 0.2762 by changing the saturation by 10% instead.

 40.3180, 0.3171,
0.2762


 40.3180, 0.3171,
0.2762


347.4621, 0.3153,
0.3021

 27.7866, 0.3174,
0.2699


 75.6475, 0.3165,
0.2855

 18.1648, 0.3178,
0.2619


 99.2144, 0.3163,
0.2890

 11.0684, 0.3181,
0.2514


127.2285, 0.3161,
0.2920

 6.1129, 0.3183,
0.2372

160.0743, 0.3159,
0.2946

 2.9138, 0.3181,
0.2166

198.1362, 0.3157,
0.2968

 1.0869, 0.3165,
0.1849

241.7985, 0.3156,

 0.0000, 0.3433,

0.2988

0.0000

291.4457, 0.3155,
0.3006

0.0000, 0.0000,
0.0000

40.3180, 0.3171,
0.2762

40.3180, 0.3171,
0.2762

34.0803, 0.3193,
0.2525

47.6759, 0.3150,
0.3001

28.9028, 0.3215,
0.2300

56.1999, 0.3131,
0.3235

24.7275, 0.3238,
0.2094

65.9396, 0.3114,
0.3460

21.4891, 0.3260,
0.1917

76.9404, 0.3099,
0.3671

19.1145, 0.3281,
0.1778

88.2784, 0.3086,
0.3853

■ 17.5197, 0.3299,
0.1681

■ 88.3221, 0.3081,
0.3843

■ 16.6040, 0.3315,
0.1626

■ 88.3660, 0.3076,
0.3832

■ 16.2237, 0.3326,
0.1606

■ 88.4101, 0.3071,
0.3822

■ 88.4545, 0.3066,
0.3812

Harmonies

Analogous

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



40.3180, 0.2766, 0.2624



40.3180, 0.3171, 0.2762



40.3180, 0.3589, 0.3019

Triad

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



40.3180, 0.3171, 0.2762



40.3180, 0.3799, 0.3947



40.3180, 0.2420, 0.3157

Complementary

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



40.3180, 0.3171, 0.2762



51.3225, 0.3084, 0.3882

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.



40.3180, 0.2664, 0.3570



40.3180, 0.3171, 0.2762



40.3180, 0.3457, 0.4049

Square

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



40.3180, 0.3171, 0.2762



40.3180, 0.3963, 0.3682



40.3180, 0.3040, 0.3913



40.3180, 0.2355, 0.2821

Rectangle

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



40.3180, 0.3171, 0.2762



40.3180, 0.3809, 0.3233



40.3180, 0.3040, 0.3913



40.3180, 0.2483, 0.3292

Sweetspot

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



40.3198, 0.3171, 0.2762



89.0834, 0.3140, 0.3126



35.2122, 0.2764, 0.2672



18.8764, 0.3141, 0.3112



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.



40.3198, 0.3171, 0.2762



63.4620, 0.3182, 0.2643



39.3715, 0.3374, 0.3024



10.8080, 0.3145, 0.3072



10.2017, 0.3325, 0.1605



0.4857, 0.3298, 0.1591

Inverse Universe

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



40.3198, 0.3171, 0.2762



63.4620, 0.3182, 0.2643



52.1485, 0.2935, 0.3572



10.8080, 0.3145, 0.3072



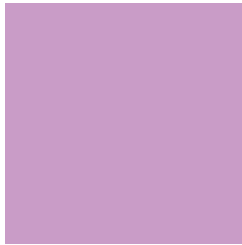
10.2017, 0.3325, 0.1605



0.4857, 0.3298, 0.1591

Previews

White Background



This preview shows how the Yxy color 40.3180, 0.3171, 0.2762 looks on a white background.

Color Contrast Check

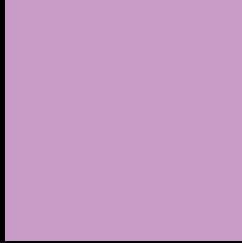
Large Text (above 18pt) WCAG AA × Fail

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 40.3180, 0.3171, 0.2762 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 40.3180, 0.3171, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 40.3180, 0.3171, 0.2762.



This preview shows how white text looks on a background with the Yxy color 40.3180, 0.3171, 0.2762.

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

40.3180, 0.3171, 0.2762

Protanopia

40.6114, 0.2763, 0.2773

Deuteranopia

40.3023, 0.2943, 0.2881



Tritanopia

40.3772, 0.3365, 0.3136

Trichromacy



Original Color

40.3180, 0.3171, 0.2762

Protanomaly

40.1888, 0.2897, 0.2759

Deuteranomaly

40.1082, 0.3022, 0.2827

Tritanomaly

40.1794, 0.3293, 0.2999

Monochromacy



Original Color

40.3180, 0.3171, 0.2762

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2467, 0.3146, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3180, 0.3171, 0.2762 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(201, 156, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 199)  
}
```

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(201, 156, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 199) }
```

Border

The CSS property to change the border of an element to Yxy 40.3180, 0.3171, 0.2762 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(201, 156, 199) }
```

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

```
.border{ border-color:rgb(201, 156, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 156, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 156, 199); box-shadow:4px 4px 4px 4px rgb(201, 156, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3180, 0.3171, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 199) }
```

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

```
.background{ background-color: rgb(201,  
156, 199) }
```

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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