

Converting Colors

$Y_{xy}(40.8832, 0.3186, 0.2856)$

Have a look what the booklet for
Yxy(40.8832, 0.3186, 0.2856)
contains.

Yxy(40.6971, 0.3185, 0.2853)	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(40.6971, 0.3185, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	C69FC2
RGB	198, 159, 194
RGB Percent	78%, 62%, 76%
CMY	0.2234, 0.3765, 0.2391
CMYK	0.00, 0.20, 0.02, 0.22
HSL	306°, 26%, 70%
HSV	306°, 20%, 78%
XYZ	45.4330, 40.6971, 56.5166
YIQ	174.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

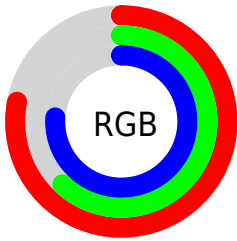
Format	Color
RYB	198, 159, 194
Decimal	13017026
CIELab	69.96, 20.41, -12.52
CIElCh	70, 23.946, 328.479
Yxy	40.6971, 0.3185, 0.2853
Android (android.graphics.Color)	4291207106 (0xFFC69FC2)
YUV	174.6510, 9.5391, 20.4771
Hunter-Lab	63.7943, 15.4840, -7.8702

Details

The Yxy color $40.6971, 0.3185, 0.2853$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $50.4164, 0.3074, 0.3770$, and the grayscale version is $42.6279, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.3182, 0.3173, 0.2928$, and $18.3381, 0.3206, 0.2735$ is the 20% darker color. If you saturate the color by 10%, you get $34.3349, 0.3219, 0.2627$, and if you desaturate by 10%, it is $48.1552, 0.3154, 0.3078$.

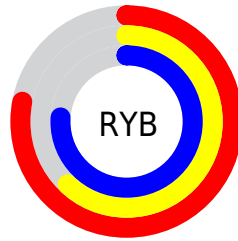
Distribution



Red (78%)

Green (62%)

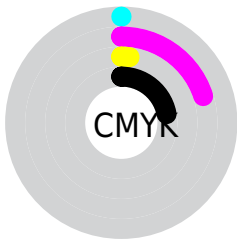
Blue (76%)



Red (78%)

Yellow (62%)

Blue (76%)

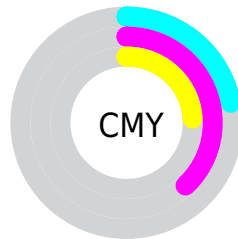


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (22%)



Cyan (22%)


Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6971, 0.3185, 0.2853 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 40.6971, 0.3185, 0.2853 by changing the saturation by 10% instead.


 40.6971, 0.3185,
0.2853

 40.6971, 0.3185,
0.2853


349.0531, 0.3159,
0.3069

 28.0825, 0.3191,
0.2800


 76.2239, 0.3176,
0.2931

 18.3878, 0.3198,
0.2732


 99.9048, 0.3173,
0.2960

 11.2288, 0.3206,
0.2644


128.0433, 0.3169,
0.2985

 6.2209, 0.3216,
0.2521

161.0238, 0.3167,
0.3007

 2.9799, 0.3228,
0.2343

199.2306, 0.3164,
0.3025

 1.1212, 0.3238,
0.2061

243.0481, 0.3162,

 0.0000, 0.3622,

0.3042

0.0000

292.8608, 0.3160,
0.3056

0.0000, 0.0000,
0.0000

40.6971, 0.3185,
0.2853

40.6971, 0.3185,
0.2853

34.3349, 0.3219,
0.2627

48.1552, 0.3154,
0.3078

29.0114, 0.3256,
0.2408

56.7522, 0.3126,
0.3296

24.6722, 0.3296,
0.2204

66.5354, 0.3102,
0.3504

21.2560, 0.3336,
0.2026

77.5478, 0.3081,
0.3698

18.6947, 0.3376,
0.1881

87.8983, 0.3064,
0.3849

■ 16.9104, 0.3415,
0.1778

■ 87.9964, 0.3053,
0.3825

■ 15.8114, 0.3452,
0.1718

■ 88.0959, 0.3042,
0.3802

■ 15.2283, 0.3486,
0.1695

■ 88.1966, 0.3031,
0.3779

■ 15.2137, 0.3487,
0.1694

■ 88.2986, 0.3020,
0.3756

Harmonies

Analogous

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



40.6971, 0.2842, 0.2730



40.6971, 0.3185, 0.2853



40.6971, 0.3529, 0.3077

Triad

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



40.6971, 0.3185, 0.2853



40.6971, 0.3678, 0.3850



40.6971, 0.2525, 0.3167

Complementary

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



40.6971, 0.3185, 0.2853



50.4164, 0.3074, 0.3770

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.



40.6971, 0.2727, 0.3505



40.6971, 0.3185, 0.2853



40.6971, 0.3389, 0.3917

Square

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



40.6971, 0.3185, 0.2853



40.6971, 0.3821, 0.3639



40.6971, 0.3040, 0.3792



40.6971, 0.2477, 0.2889

Rectangle

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



40.6971, 0.3185, 0.2853



40.6971, 0.3706, 0.3261



40.6971, 0.3040, 0.3792



40.6971, 0.2577, 0.3278

Sweetspot

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



40.6989, 0.3185, 0.2853



90.5231, 0.3144, 0.3158



36.6464, 0.2836, 0.2758



19.1647, 0.3145, 0.3143



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.



40.6989, 0.3185, 0.2853



66.5771, 0.3201, 0.2748



39.8822, 0.3363, 0.3091



10.7972, 0.3153, 0.3085



9.8977, 0.3483, 0.1692



0.4742, 0.3419, 0.1657

Inverse Universe

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



40.6989, 0.3185, 0.2853



66.5771, 0.3201, 0.2748



51.1669, 0.2939, 0.3499



10.7972, 0.3153, 0.3085



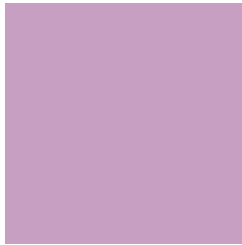
9.8977, 0.3483, 0.1692



0.4742, 0.3419, 0.1657

Previews

White Background



This preview shows how the Yxy color 40.6971, 0.3185, 0.2853 looks on a white background.

Color Contrast Check

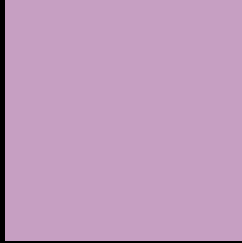
Large Text (above 18pt) WCAG AA × Fail

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 40.6971, 0.3185, 0.2853 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 40.6971, 0.3185, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 40.6971, 0.3185, 0.2853.



This preview shows how white text looks on a background with the Yxy color 40.6971, 0.3185, 0.2853.

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

40.6971, 0.3185, 0.2853

Protanopia

40.9658, 0.2839, 0.2876

Deuteranopia

40.9527, 0.3009, 0.2948



Tritanopia

40.5379, 0.3325, 0.3123

Trichromacy



Original Color

40.6971, 0.3185, 0.2853

Protanomaly

40.6968, 0.2961, 0.2871

Deuteranomaly

40.7155, 0.3072, 0.2915

Tritanomaly

40.6029, 0.3272, 0.3023

Monochromacy



Original Color

40.6971, 0.3185, 0.2853

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.8206, 0.3144, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6971, 0.3185, 0.2853 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, 159, 194)` looks like.

```
.text, #text, p{  
  color:rgb(198, 159, 194)  
}
```

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, 159, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 194) }
```

Border

The CSS property to change the border of an element to Yxy 40.6971, 0.3185, 0.2853 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, 159, 194) }
```

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

```
.border{ border-color:rgb(198, 159, 194) }
```

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

Here you see how a box with a 4 pixel rgb(198, 159, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 194);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6971, 0.3185, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 194) }
```

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

```
.background{ background-color: rgb(198,  
159, 194) }
```

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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