

Converting Colors

$Y_{xy}(41.1382, 0.3169, 0.2887)$

Have a look what the booklet for
Yxy(41.1382, 0.3169, 0.2887)
contains.

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Color

Yxy(41.0758, 0.3174, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	C4A1C1
RGB	196, 161, 193
RGB Percent	77%, 63%, 76%
CMY	0.2312, 0.3687, 0.2431
CMYK	0.00, 0.18, 0.02, 0.23
HSL	305°, 23%, 70%
HSV	305°, 18%, 77%
XYZ	45.1436, 41.0758, 56.0099
YIQ	175.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

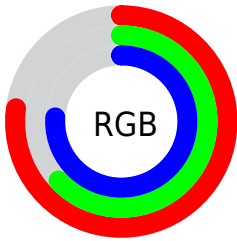
Format	Color
R_{YB}	196, 161, 193
Decimal	12886465
CIE _{Lab}	70.23, 18.44, -11.58
CIE _{LCh}	70, 21.770, 327.866
Yxy	41.0758, 0.3174, 0.2888
Android (android.graphics.Color)	4291076545 (0xFFC4A1C1)
YUV	175.1130, 8.8183, 18.3179
Hunter-Lab	64.0904, 13.5724, -6.9514

Details

The Yxy color $41.0758, 0.3174, 0.2888$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.7528, 0.3083, 0.3728$, and the grayscale version is $42.8834, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8339, 0.3171, 0.2965$, and $18.5521, 0.3190, 0.2781$ is the 20% darker color. If you saturate the color by 10%, you get $34.6803, 0.3204, 0.2659$, and if you desaturate by 10%, it is $48.5499, 0.3147, 0.3116$.

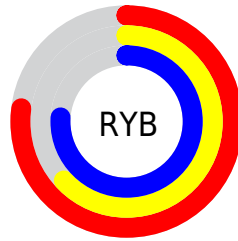
Distribution



Red (77%)

Green (63%)

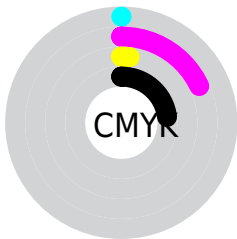
Blue (76%)



Red (77%)

Yellow (63%)

Blue (76%)

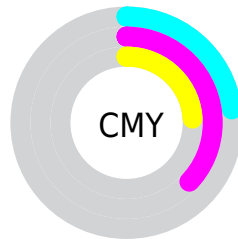


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (23%)



Cyan (23%)


Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0758, 0.3174, 0.2888 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 41.0758, 0.3174, 0.2888 by changing the saturation by 10% instead.


 41.0758, 0.3174,
0.2888

 41.0758, 0.3174,
0.2888


350.6373, 0.3153,
0.3087

 28.3783, 0.3179,
0.2839


 76.7989, 0.3167,
0.2960

 18.6110, 0.3184,
0.2777


 100.5934, 0.3164,
0.2987

 11.3896, 0.3191,
0.2694


128.8556, 0.3162,
0.3010

 6.3295, 0.3198,
0.2581

161.9700, 0.3159,
0.3030

 3.0465, 0.3207,
0.2414

200.3210, 0.3157,
0.3047

 1.1560, 0.3214,
0.2149

244.2930, 0.3156,

 0.0254, 0.3547,

0.3062

0.0190

294.2703, 0.3154,
0.3075

0.0000, 0.0000,
0.0000

41.0758, 0.3174,
0.2888

41.0758, 0.3174,
0.2888

34.6803, 0.3204,
0.2659

48.5499, 0.3147,
0.3116

29.3081, 0.3237,
0.2435

57.1438, 0.3122,
0.3336

24.9071, 0.3271,
0.2225

66.9033, 0.3101,
0.3545

21.4184, 0.3306,
0.2039

77.8699, 0.3082,
0.3740

18.7770, 0.3341,
0.1886

87.4995, 0.3067,
0.3882

■ 16.9091, 0.3374,
0.1773

■ 87.5797, 0.3058,
0.3862

■ 15.7282, 0.3405,
0.1703

■ 87.6608, 0.3048,
0.3843

■ 15.1059, 0.3433,
0.1673

■ 87.7427, 0.3039,
0.3824

■ 15.0010, 0.3439,
0.1668

■ 87.8256, 0.3030,
0.3804

Harmonies

Analogous

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



41.0758, 0.2863, 0.2778



41.0758, 0.3174, 0.2888



41.0758, 0.3486, 0.3092

Triad

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



41.0758, 0.3174, 0.2888



41.0758, 0.3632, 0.3796



41.0758, 0.2582, 0.3186

Complementary

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



41.0758, 0.3174, 0.2888



49.7528, 0.3083, 0.3728

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.



41.0758, 0.2769, 0.3491



41.0758, 0.3174, 0.2888



41.0758, 0.3373, 0.3857

Square

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



41.0758, 0.3174, 0.2888



41.0758, 0.3757, 0.3605



41.0758, 0.3056, 0.3746



41.0758, 0.2534, 0.2932

Rectangle

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



41.0758, 0.3174, 0.2888



41.0758, 0.3647, 0.3260



41.0758, 0.3056, 0.3746



41.0758, 0.2630, 0.3287

Sweetspot

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



41.0776, 0.3174, 0.2888



92.0626, 0.3140, 0.3178



37.3561, 0.2861, 0.2813



19.4756, 0.3141, 0.3162



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.



41.0776, 0.3174, 0.2888



70.1697, 0.3184, 0.2809



40.3451, 0.3331, 0.3103



10.2321, 0.3151, 0.3082



9.6412, 0.3436, 0.1666



0.4211, 0.3380, 0.1635

Inverse Universe

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



41.0776, 0.3174, 0.2888



70.1697, 0.3184, 0.2809



50.4262, 0.2960, 0.3485



10.2321, 0.3151, 0.3082



9.6412, 0.3436, 0.1666



0.4211, 0.3380, 0.1635

Previews

White Background



This preview shows how the Yxy color 41.0758, 0.3174, 0.2888 looks on a white background.

Color Contrast Check

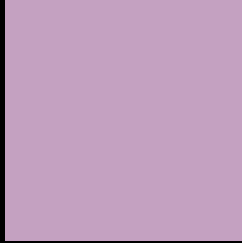
Large Text (above 18pt) WCAG AA × Fail

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 41.0758, 0.3174, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

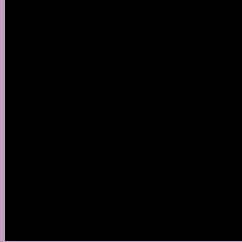
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0758, 0.3174, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 41.0758, 0.3174, 0.2888.



This preview shows how white text looks on a background with the Yxy color 41.0758, 0.3174, 0.2888.

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

41.0758, 0.3174, 0.2888

Protanopia

41.4648, 0.2871, 0.2917

Deuteranopia

41.0269, 0.3026, 0.2962



Tritanopia

41.1946, 0.3295, 0.3123

Trichromacy



Original Color

41.0758, 0.3174, 0.2888

Protanomaly

41.1336, 0.2977, 0.2898

Deuteranomaly

41.0303, 0.3080, 0.2941

Tritanomaly

41.2154, 0.3251, 0.3035

Monochromacy



Original Color

41.0758, 0.3174, 0.2888

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1941, 0.3144, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0758, 0.3174, 0.2888 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(196, 161, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 193)  
}
```

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(196, 161, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 193) }
```

Border

The CSS property to change the border of an element to Yxy 41.0758, 0.3174, 0.2888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

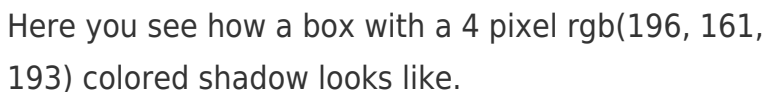
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 161, 193) }
```

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

```
.border{ border-color:rgb(196, 161, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 161, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 161, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 161, 193); box-shadow:4px 4px 4px 4px rgb(196, 161, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0758, 0.3174, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 193) }
```

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

```
.background{ background-color: rgb(196,  
161, 193) }
```

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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