

Converting Colors

$Yxy(42.1861, 0.3338, 0.3247)$

Have a look what the booklet for
Yxy(42.1861, 0.3338, 0.3247)
contains.

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Color

Yxy(42.2830, 0.3333, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	C1A8AB
RGB	193, 168, 171
RGB Percent	76%, 66%, 67%
CMY	0.2433, 0.3411, 0.3294
CMYK	0.00, 0.13, 0.11, 0.24
HSL	353°, 17%, 71%
HSV	353°, 13%, 76%
XYZ	43.3362, 42.2830, 44.4024
YIQ	175.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

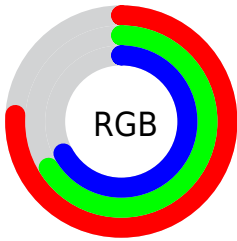
Format	Color
RYB	193, 168, 171
Decimal	12691627
CIELab	71.07, 9.55, 1.80
CIElCh	71, 9.720, 10.674
Yxy	42.2830, 0.3333, 0.3252
Android (android.graphics.Color)	4290881707 (0xFFC1A8AB)
YUV	175.8170, -2.3748, 15.0695
Hunter-Lab	65.0254, 5.1669, 5.0318

Details

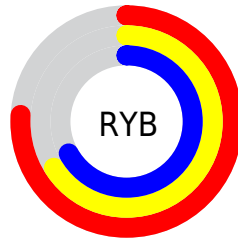
The Yxy color $42.2830, 0.3333, 0.3252$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.1634, 0.2953, 0.3328$, and the grayscale version is $43.3214, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5903, 0.3300, 0.3260$, and $19.3117, 0.3390, 0.3238$ is the 20% darker color. If you saturate the color by 10%, you get $35.0730, 0.3537, 0.3221$, and if you desaturate by 10%, it is $50.6373, 0.3169, 0.3282$.

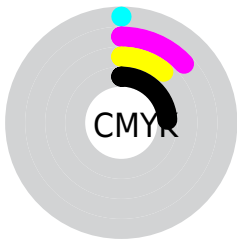
Distribution



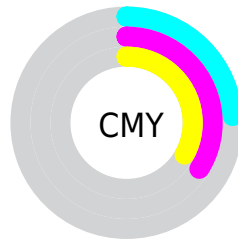
- Red (76%)
- Green (66%)
- Blue (67%)



- Red (76%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (24%)





- Cyan (24%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2830, 0.3333, 0.3252 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 42.2830, 0.3333, 0.3252 by changing the saturation by 10% instead.


 42.2830, 0.3333,
0.3252


 42.2830, 0.3333,
0.3252


355.6547, 0.3228,
0.3272

 29.3230, 0.3360,
0.3247


 78.6278, 0.3294,
0.3259

 19.3253, 0.3395,
0.3240


 102.7813, 0.3280,
0.3262

 11.9055, 0.3442,
0.3230


131.4347, 0.3268,
0.3264

 6.6794, 0.3510,
0.3216

164.9725, 0.3258,
0.3266

 3.2624, 0.3614,
0.3194

203.7789, 0.3249,
0.3268

 1.2702, 0.3795,
0.3153

248.2386, 0.3241,

 0.1180, 0.7412,

0.3270

0.2532

298.7357, 0.3234,
0.3271

0.0000, 0.0000,
0.0000

42.2830, 0.3333,
0.3252

42.2830, 0.3333,
0.3252

35.0730, 0.3537,
0.3221

50.6373, 0.3169,
0.3282

28.9521, 0.3789,
0.3189

60.1766, 0.3036,
0.3309

23.8689, 0.4097,
0.3158

70.9469, 0.2929,
0.3334

19.7659, 0.4463,
0.3133

82.9898, 0.2842,
0.3357

16.5798, 0.4880,
0.3118

90.0713, 0.2767,
0.3289

■ 14.2397, 0.5323,
0.3120

■ 12.6648, 0.5745,
0.3144

■ 11.7579, 0.6085,
0.3189

■ 11.3932, 0.6258,
0.3221

Harmonies

Analogous

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



42.2830, 0.3211, 0.3142



42.2830, 0.3333, 0.3252



42.2830, 0.3399, 0.3373

Triad

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



42.2830, 0.3333, 0.3252



42.2830, 0.3181, 0.3522



42.2830, 0.2870, 0.3099

Complementary

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



42.2830, 0.3333, 0.3252



50.1634, 0.2953, 0.3328

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.



42.2830, 0.2863, 0.3197



42.2830, 0.3333, 0.3252



42.2830, 0.3040, 0.3445

Square

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



42.2830, 0.3333, 0.3252



42.2830, 0.3310, 0.3533



42.2830, 0.2924, 0.3324



42.2830, 0.2945, 0.3054

Rectangle

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



42.2830, 0.3333, 0.3252



42.2830, 0.3402, 0.3446



42.2830, 0.2924, 0.3324



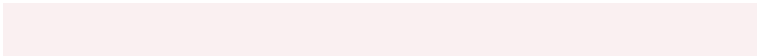
42.2830, 0.2860, 0.3126

Sweetspot

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



42.2849, 0.3333, 0.3252



88.9258, 0.3186, 0.3278



42.7611, 0.3112, 0.2973



18.8218, 0.3197, 0.3276



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.2849, 0.3333, 0.3252



71.2473, 0.3396, 0.3242



45.6683, 0.3344, 0.3409



10.0970, 0.3271, 0.3263



7.5883, 0.6237, 0.3209



0.3345, 0.5776, 0.2955

Inverse Universe

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



42.2849, 0.3333, 0.3252



71.2473, 0.3396, 0.3242



46.3783, 0.2929, 0.3169



10.0970, 0.3271, 0.3263



7.5883, 0.6237, 0.3209



0.3345, 0.5776, 0.2955

Previews

White Background



This preview shows how the Yxy color 42.2830, 0.3333, 0.3252 looks on a white background.

Color Contrast Check

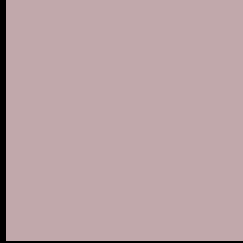
Large Text (above 18pt) WCAG AA × Fail

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 42.2830, 0.3333, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

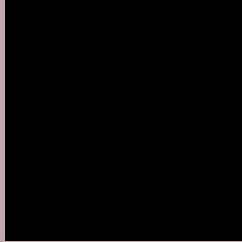
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2830, 0.3333, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 42.2830, 0.3333, 0.3252.



This preview shows how white text looks on a background with the Yxy color 42.2830, 0.3333, 0.3252.

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

42.2830, 0.3333, 0.3252

Protanopia

42.2902, 0.3155, 0.3277

Deuteranopia

42.1520, 0.3324, 0.3252



Tritanopia

42.4021, 0.3264, 0.3124

Trichromacy



Original Color

42.2830, 0.3333, 0.3252

Protanomaly

42.2102, 0.3219, 0.3264

Deuteranomaly

42.1520, 0.3324, 0.3252

Tritanomaly

42.2811, 0.3291, 0.3162

Monochromacy



Original Color

42.2830, 0.3333, 0.3252

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8882, 0.3200, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2830, 0.3333, 0.3252 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(193, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 168, 171)  
}
```

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(193, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 168, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.2830, 0.3333, 0.3252 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(193, 168, 171) }
```

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

```
.border{ border-color:rgb(193, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 168,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2830, 0.3333, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 168, 171) }
```

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

```
.background{ background-color: rgb(193,  
168, 171) }
```

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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