

Converting Colors

$Yxy(41.4886, 0.3244, 0.3004)$

Have a look what the booklet for
Yxy(41.4886, 0.3244, 0.3004)
contains.

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Color

Yxy(41.5675, 0.3252, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	C5A3B9
RGB	197, 163, 185
RGB Percent	77%, 64%, 73%
CMY	0.2275, 0.3608, 0.2745
CMYK	0.00, 0.17, 0.06, 0.23
HSL	321°, 23%, 71%
HSV	321°, 17%, 77%
XYZ	44.8797, 41.5675, 51.5592
YIQ	175.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

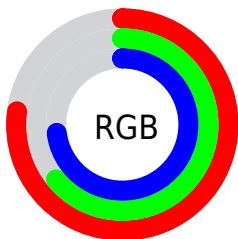
Format	Color
R_{YB}	197, 163, 185
Decimal	12952505
CIE _{Lab}	70.57, 16.20, -6.63
CIE _{LCh}	71, 17.499, 337.750
Yxy	41.5675, 0.3252, 0.3012
Android (android.graphics.Color)	4291142585 (0xFFC5A3B9)
YUV	175.6740, 4.5977, 18.7029
Hunter-Lab	64.4729, 11.4266, -2.2834

Details

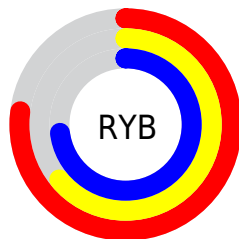
The Yxy color $41.5675, 0.3252, 0.3012$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.8133, 0.3020, 0.3585$, and the grayscale version is $43.2090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5645, 0.3231, 0.3063$, and $18.8745, 0.3288, 0.2930$ is the 20% darker color. If you saturate the color by 10%, you get $34.8234, 0.3342, 0.2843$, and if you desaturate by 10%, it is $49.4193, 0.3175, 0.3176$.

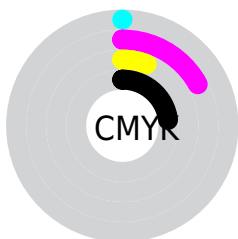
Distribution



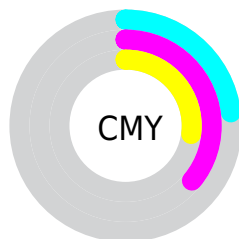
- Red (77%)
- Green (64%)
- Blue (73%)



- Red (77%)
- Yellow (64%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5675, 0.3252, 0.3012 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 41.5675, 0.3252, 0.3012 by changing the saturation by 10% instead.


 41.5675, 0.3252,
0.3012


 41.5675, 0.3252,
0.3012


352.6869, 0.3190,
0.3151

 28.7628, 0.3267,
0.2978

 77.5446, 0.3229,
0.3062

 18.9014, 0.3287,
0.2933


 101.4858, 0.3221,
0.3081

 11.5991, 0.3313,
0.2874


129.9080, 0.3214,
0.3097

 6.4713, 0.3350,
0.2793

163.1955, 0.3208,
0.3111

 3.1337, 0.3404,
0.2671

201.7328, 0.3202,
0.3123

 1.2019, 0.3493,
0.2471

245.9041, 0.3198,

 0.0633, 0.4334,

0.3133

0.0602

296.0941, 0.3194,
0.3142

■ 0.0000, 0.0000,
0.0000

■ 41.5675, 0.3252,
0.3012

■ 41.5675, 0.3252,
0.3012

■ 34.8234, 0.3342,
0.2843

■ 49.4193, 0.3175,
0.3176

■ 29.1310, 0.3448,
0.2675

■ 58.4204, 0.3111,
0.3332

■ 24.4377, 0.3568,
0.2514

■ 68.6173, 0.3056,
0.3478

■ 20.6841, 0.3702,
0.2370

■ 80.0520, 0.3011,
0.3614

■ 17.8044, 0.3849,
0.2253

■ 88.5442, 0.2973,
0.3673

■ 15.7245, 0.4003,
0.2175

■ 88.9196, 0.2936,
0.3595

■ 14.3575, 0.4160,
0.2145

■ 89.3105, 0.2899,
0.3518

■ 13.5831, 0.4314,
0.2164

■ 89.7171, 0.2863,
0.3443

■ 13.4152, 0.4356,
0.2173

■ 90.1395, 0.2827,
0.3368

Harmonies

Analogous

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



41.5675, 0.2995, 0.2894



41.5675, 0.3252, 0.3012



41.5675, 0.3483, 0.3198

Triad

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



41.5675, 0.3252, 0.3012



41.5675, 0.3474, 0.3725



41.5675, 0.2661, 0.3136

Complementary

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



41.5675, 0.3252, 0.3012



50.8133, 0.3020, 0.3585

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.



41.5675, 0.2779, 0.3372



41.5675, 0.3252, 0.3012



41.5675, 0.3245, 0.3726

Square

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



41.5675, 0.3252, 0.3012



41.5675, 0.3613, 0.3606



41.5675, 0.2990, 0.3594



41.5675, 0.2662, 0.2955

Rectangle

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



41.5675, 0.3252, 0.3012



41.5675, 0.3587, 0.3340



41.5675, 0.2990, 0.3594



41.5675, 0.2688, 0.3211

Sweetspot

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



41.5693, 0.3252, 0.3012



91.8468, 0.3160, 0.3211



39.3302, 0.2950, 0.2841



19.4230, 0.3165, 0.3199



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.



41.5693, 0.3252, 0.3012



69.3058, 0.3287, 0.2944



40.8974, 0.3407, 0.3225



10.7506, 0.3191, 0.3142



8.8405, 0.4337, 0.2163



0.4320, 0.4044, 0.2001

Inverse Universe

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



41.5693, 0.3252, 0.3012



69.3058, 0.3287, 0.2944



51.5195, 0.2904, 0.3356



10.7506, 0.3191, 0.3142



8.8405, 0.4337, 0.2163



0.4320, 0.4044, 0.2001

Previews

White Background



This preview shows how the Yxy color 41.5675, 0.3252, 0.3012 looks on a white background.

Color Contrast Check

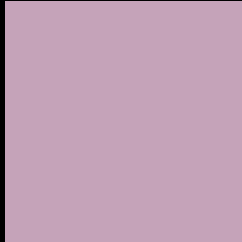
Large Text (above 18pt) WCAG AA × Fail

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 41.5675, 0.3252, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

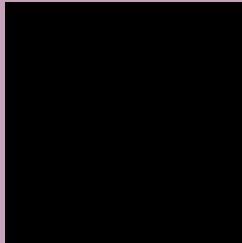
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5675, 0.3252, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 41.5675, 0.3252, 0.3012.



This preview shows how white text looks on a background with the Yxy color 41.5675, 0.3252, 0.3012.

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

41.5675, 0.3252, 0.3012

Protanopia

41.8807, 0.2973, 0.3049

Deuteranopia

41.6563, 0.3137, 0.3080



Tritanopia

41.4610, 0.3314, 0.3124

Trichromacy



Original Color

41.5675, 0.3252, 0.3012

Protanomaly

41.7101, 0.3067, 0.3040

Deuteranomaly

41.5519, 0.3184, 0.3057

Tritanomaly

41.5820, 0.3286, 0.3086

Monochromacy



Original Color

41.5675, 0.3252, 0.3012

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5708, 0.3177, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5675, 0.3252, 0.3012 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(197, 163, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 163, 185)  
}
```

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(197, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 163, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.5675, 0.3252, 0.3012 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(197, 163, 185) }
```

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

```
.border{ border-color:rgb(197, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 163,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5675, 0.3252, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 163, 185) }
```

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

```
.background{ background-color: rgb(197,  
163, 185) }
```

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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