

Converting Colors

Yxy(52.3468, 0.3116, 0.3001)

Have a look what the booklet for
Yxy(52.3468, 0.3116, 0.3001)
contains.

Yxy(52.4232, 0.3116, 0.3007)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4232, 0.3116, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	CEB9D1
RGB	206, 185, 209
RGB Percent	81%, 73%, 82%
CMY	0.1920, 0.2746, 0.1803
CMYK	0.01, 0.11, 0.00, 0.18
HSL	293°, 21%, 77%
HSV	293°, 11%, 82%
XYZ	54.3235, 52.4232, 67.5905
YIQ	194.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

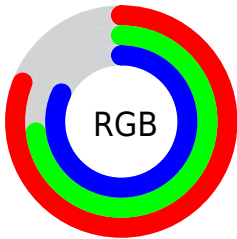
Format	Color
R _{YB}	206, 185, 209
Decimal	13547985
CIE Lab	77.53, 11.78, -9.35
CIE LCh	78, 15.038, 321.573
Yxy	52.4232, 0.3116, 0.3007
Android (android.graphics.Color)	4291738065 (0xFFCEB9D1)
YUV	194.0150, 7.3876, 10.5108
Hunter-Lab	72.4039, 7.2190, -4.6658

Details

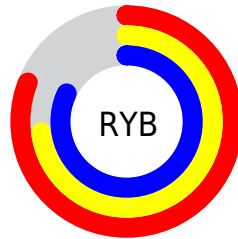
The Yxy color `52.4232, 0.3116, 0.3007` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.7996, 0.3135, 0.3586`, and the grayscale version is `53.9163, 0.3127, 0.3290`.

A 20% lighter version of the original color is `91.3906, 0.3133, 0.3156`, and `25.5445, 0.3111, 0.2930` is the 20% darker color. If you saturate the color by 10%, you get `43.9475, 0.3103, 0.2752`, and if you desaturate by 10%, it is `62.1951, 0.3126, 0.3254`.

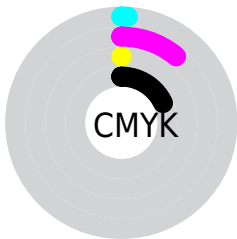
Distribution



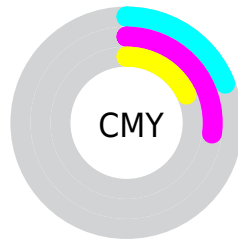
- Red (81%)
- Green (73%)
- Blue (82%)



- Red (81%)
- Yellow (73%)
- Blue (82%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4232, 0.3116, 0.3007 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 52.4232, 0.3116, 0.3007 by changing the saturation by 10% instead.


 52.4232, 0.3116,
0.3007

 52.4232, 0.3116,
0.3007

396.0682, 0.3123,
0.3143

 37.3425, 0.3114,
0.2975


 93.7551, 0.3119,
0.3055

 25.4728, 0.3111,
0.2934


120.7750, 0.3120,
0.3074

 16.4297, 0.3108,
0.2881


152.5436, 0.3120,
0.3089

 9.8287, 0.3102,
0.2811

189.4450, 0.3121,
0.3103

 5.2855, 0.3093,
0.2711

231.8638, 0.3122,
0.3115

 2.4157, 0.3076,
0.2558

280.1844, 0.3122,

 0.8340, 0.3039,

0.3125

0.2297

334.7910, 0.3122,
0.3135

0.0000, 0.0730,
0.0000

0.0000, 0.0000,
0.0000

52.4232, 0.3116,
0.3007

52.4232, 0.3116,
0.3007

43.9475, 0.3103,
0.2752

62.1951, 0.3126,
0.3254

36.7053, 0.3086,
0.2494

73.3088, 0.3133,
0.3488

30.6389, 0.3066,
0.2244

85.8163, 0.3138,
0.3706

25.6831, 0.3043,
0.2009

90.7821, 0.3150,
0.3777

■ 21.7667, 0.3016,
0.1802

■ 91.1796, 0.3166,
0.3775

■ 18.8098, 0.2987,
0.1629

■ 91.5834, 0.3182,
0.3772

■ 16.7212, 0.2956,
0.1500

■ 91.9934, 0.3199,
0.3770

■ 15.3918, 0.2924,
0.1414

■ 92.4096, 0.3215,
0.3767

■ 14.6949, 0.2897,
0.1369

■ 92.8322, 0.3232,
0.3765

Harmonies

Analogous

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



52.4232, 0.2923, 0.2952



52.4232, 0.3116, 0.3007



52.4232, 0.3318, 0.3131

Triad

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



52.4232, 0.3116, 0.3007



52.4232, 0.3475, 0.3596



52.4232, 0.2794, 0.3268

Complementary

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



52.4232, 0.3116, 0.3007



59.7996, 0.3135, 0.3586

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.



52.4232, 0.2934, 0.3456



52.4232, 0.3116, 0.3007



52.4232, 0.3326, 0.3648

Square

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



52.4232, 0.3116, 0.3007



52.4232, 0.3529, 0.3466



52.4232, 0.3128, 0.3597



52.4232, 0.2742, 0.3095

Rectangle

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



52.4232, 0.3116, 0.3007



52.4232, 0.3429, 0.3239



52.4232, 0.3128, 0.3597



52.4232, 0.2832, 0.3332

Sweetspot

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



52.4255, 0.3116, 0.3007



95.0369, 0.3125, 0.3217



50.9648, 0.2948, 0.3032



20.0649, 0.3124, 0.3197



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.



52.4255, 0.3116, 0.3007



78.4725, 0.3113, 0.2940



52.4302, 0.3209, 0.3110



11.9318, 0.3118, 0.3060



9.0877, 0.2901, 0.1372



0.5294, 0.2961, 0.1405

Inverse Universe

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



51.8792, 0.3308, 0.3255



77.4459, 0.3356, 0.3246



59.8101, 0.3053, 0.3477



11.8317, 0.3271, 0.3262



8.4112, 0.6234, 0.3208



0.4784, 0.5837, 0.2989

Previews

White Background



This preview shows how the Yxy color 52.4232, 0.3116, 0.3007 looks on a white background.

Color Contrast Check

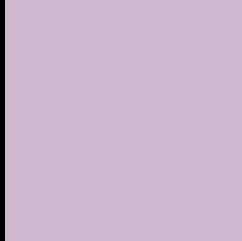
Large Text (above 18pt) WCAG AA × Fail

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 52.4232, 0.3116, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

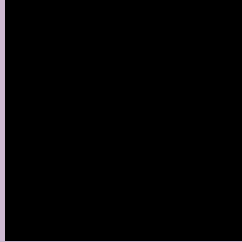
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4232, 0.3116, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 52.4232, 0.3116, 0.3007.



This preview shows how white text looks on a background with the Yxy color 52.4232, 0.3116, 0.3007.

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

52.4232, 0.3116, 0.3007

Protanopia

52.3992, 0.2958, 0.3022

Deuteranopia

52.2778, 0.3083, 0.3017



Tritanopia

52.3140, 0.3169, 0.3111

Trichromacy



Original Color

52.4232, 0.3116, 0.3007

Protanomaly

52.2717, 0.3012, 0.3013

Deuteranomaly

52.4178, 0.3091, 0.3017

Tritanomaly

52.4566, 0.3145, 0.3076

Monochromacy



Original Color

52.4232, 0.3116, 0.3007

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3909, 0.3124, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4232, 0.3116, 0.3007 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(206, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(206, 185, 209)  
}
```

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(206, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 185, 209) }
```

Border

The CSS property to change the border of an element to Yxy 52.4232, 0.3116, 0.3007 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(206, 185, 209) }
```

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

```
.border{ border-color:rgb(206, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 185,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4232, 0.3116, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 185, 209) }
```

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

```
.background{ background-color: rgb(206,  
185, 209) }
```

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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